

Product Discontinuation Notice

Dear Valued Customer,

July 1st, 2019

Microlab will be discontinuing the products listed here on September 30th, 2019. Microlab will not be manufacturing or stocking these products anymore beyond the date of discontinuation. Microlab is now offering a last time buy for a period of 90 days from today or as defined by contract, while supplies last on these products. Additional requests for discontinued products beyond existing stock levels will not be accepted after the date of discontinuation. In most cases, Microlab recommends a developed and released alternate product to replace the discontinued product.

Microlab will continue to honor any warranty issues on the discontinued products up to three years from date of sale or as defined by contract.

Please reach out to Microlab Support team for any questions or concerns.

Sincerely,

The Microlab Team

Product	Product Description	Microlab Recommended Alternate
AA-20T	ATTENUATOR TNC 20 DB DC-1.OGHZ2 WATTS	AT-20E
BK-10N	DIPLEXER, 694-960/1710-2170MHzF-N, ROHS	BK-201N
BK-10NP	DIPLEXER, 694-960/1710-2170MHzF-N, IP67 RATED, ROHS	BK-201N
BK-20D	DIPLEXER ,694-960/1710-2180MHzD-F, ROHS	BK-201E
BK-20DP	DIPLEXER, 694-960/1710-2180MHzD-F, IP67 RATED, ROHS	BK-201E
BK-20E	DIPLEXER, 694-960/1710-2180MHz4.3-10-F, ROHS	BK-201E
BK-20EP	DIPLEXER, 694-960/1710-2180MHz4.3-10-F, IP67 RATED, ROHS	BK-201E
BK-20N	DIPLEXER, 694-960/1710-2180MHz, N-F, ROHS	BK-201N
BK-20NP	DIPLEXER, 694-960/1710-2180MHzN-F, IP67 RATED, ROHS	BK-201N
BK-21D	DIPLEXER,80-2170/2400-2500MHz,D-F, ROHS	BK-21N
BK-21DP	DIPLEXER,80-2170/2400-2500MHz,D-F, IP67 RATED, ROHS	BK-21N
BK-27N	DIPLEXER,80-1990/2400-5850MHz,N-F, WiFi/WiMAX	No Alternate Available
BK-28N	DIPLEXER, 2400-3800/5150-5850,F-N, ROHS	No Alternate Available
BK-32D	TRIPLEXER, 700/850/PCS-AWS,D-F	BK-362E
BK-34D	TRIPLEXER, 700+850/PCS/AWS,D-F, ROHS	BK-362E
BK-36D	TRIPLEXER, LTE700/850/AWS,D-F, ROHS	BK-362E
BK-36N	TRIPLEXER, LTE700/850/AWS,N-F, ROHS	BK-362E
BK-37D	TRIPLEXER, 700/850/PCS-AWS,D-F, ROHS	No Alternate Available
BK-37N	TRIPLEXER, 700/850/PCS-AWS,N-F, ROHS	No Alternate Available
BK-38N	TRIPLEXER, TETRA/WiFi/WiMAX,N-F, ROHS	No Alternate Available
BK-41D	TRIPLEXER, 700+850/PCS+AWS/WCS+2600, D-F, IP67, SINGLE	BK-421E
BK-41DW	TRIPLEXER, 700+850/PCS+AWS/WCS+2600, D-F, IP67, DOUBLE	BK-421EW
BK-41N	QUADRAPLEX, WIFI,5150,5250,5470,5725, ROHS	No Alternate Available
BK-44E	TRIPLEXER, 800/900-2100/2600,4.3-10-F, ROHS	No Alternate Available
BK-51D	DIPLEXER, 694-960/2490-2700,D-F, ROHS	BK-201E
BK-55D	DUAL BAND COMBINER, 800/900 ,D-F, IP68 RATED, ROHS	No Alternate Available
BK-67D	DIPLEXER, 80-2180/2490-2690,D-F, LTE/ WiMAX	BK-67N
BK-68DP	DIPLEXER, 80-2170/2400-2690,D-F, IP67 RATED	BK-68D
BK-72D	CAVITY FILTER, DIPLEXER, F-D,PCS1900 & AWS 1700/2100	BK-745E

Product	Product Description	Microlab Recommended Alternate
BK-744E	DIPLEXER, PCS/AWS-1 & 3 + WCS,4.3-F, 100W, 155 PIM	BK-745E
BK-80D	DIPLEXER, MAST MOUNT, D-F,700-960, 1710-2170 MHz	BK-201E
BK-91N	QUADRAPLEXER/INJECTOR,WIFI & WIMAX, N-F & SMA-F	No Alternate Available
BK-92D	QUAD BAND COMBINER, 380-960/1710-1880/1920-2200/2500-2690	No Alternate Available
BK-92E	QUAD BAND COMBINER, 380-960/1710-1880/1920-2200/2500-2690	No Alternate Available
BK-94N	QUADRAPLEXER, N-F790-960/1800/2100/2600	No Alternate Available
BK-96D	QUADRAPLEXER, WIDEBAND,700/850/1900/2100, D-F	BK-962E
BK-96N	QUADRAPLEXER, WIDEBAND,700/850/1900/2100, N-F	BK-962E
BL-10D	DUPLEXER, US LTE 700D-F	BL-15N
BL-10N	DUPLEXER, US LTE 700N-F	BL-15N
BL-11D	DUPLEXER, US 850D-F, 20W	BL-14N
BL-11N	DUPLEXER, US 850N-F, 20W	BL-14N
BL-12D	DUPLEXER, US PCSD-F, 20W	BL-19N
BL-12N	DUPLEXER, US PCSN-F, 20W	BL-19N
BL-13N	DUPLEXER, PCSN-F, 60W	BL-19N
BL-19D	DUPLEXER, 1900MHz BAND,+ G BAND, D-F, 60W	BL-19N
BL-21D	DUPLEXER, 1710-1755/2110-2155,D-F, 60W	BL-51N
BL-21DP	DUPLEXER, 1710-1755/2110-2155,D-F, IP67 RATED, ROHS	BL-51N
BL-21E	DUPLEXER, 1710-1755/2110-2155,4.3-10-F, 60W, ROHS	BL-51N
BL-21N	DUPLEXER, 1710-1755/2110-2155,N-F, 60W	BL-51N
BL-23N	DUPLEXER, 1900 BAND + G BANDN-F, 200W, 153 PIM	BL-19N
BL-25N	DUPLEXER, 1900 BAND + G BANDN-F, 120W, 153 PIM	BL-19N
BL-32N	DUPLEXER, 850MHz BAND,N-F, 60W, 160 PIM	BL-14N
BL-36DP	DUPLEXER, UMTS 2100, 40W,D-F, PAINTED, IP67, ROHS	BL-36N
BL-36NP	DUPLEXER, UMTS 2100, 40W,N-F, PAINTED, IP67, ROHS	BL-36N
BL-37D	DUPLEXER, 700 UPPER BLOCK CD-F, 200W, ROHS	BL-16N
BL-37N	DUPLEXER, 700 UPPER BLOCK CN-F, 200W , ROHS	BL-16N
BL-39N	DUPLEXER, 700 LOWER ABC &UPPER C, N-F, 60W	BL-20N
BL-42D	DUPLEXER, PCS1900/AWS-1,D-F, 154 PIM, IP67, ROHS	No Alternate Available
CA-14MD	COUPLER HYBRID,350-5925 MHz,D-M/F, ROHS	CA-14D
CA-15N	COUPLER 3.0DB HYBRID TYPE 200-400MHZ	CA-93N
CA-64N	HYBRID COUPLER, 698-960MHz,'N'ROHS	CA-84N
CA-74N	HYBRID COUPLER,1700-2200MHz,'N', ROHS	CA-84N
CA-83FN	COUPLER, 4.8dB, 700-2700 MHz,N-F ALL PORTS, ROHS	CA-84N
CA-84GD	COMBINER, 694-2700 MHzD-F, W/3 WATT TERM. ROHS	CA-84KD with external TA-2MD termination
CA-84GDP	COMBINER, 694-2700 MHzD-F, W/3 W TERM, IP67 RATED	CA-84KD with termination
CA-84GN	COMBINER, 694-2700 MHzN-F, W/3 WATT TERM., ROHS	CA-84N with external TA-2MN termination
CA-84HN	COMBINER, 694-2700 MHzN-F, W/10 WATT TERM., ROHS	CA-84N with external TB-5MN termination
CA-891N	3dB HYBRID COUPLER, 694-2700,N-F, 150W, ROHS	CA-86N
CA-89N	3dB HYBRID COUPLER, 800-2500,N-F, ROHS	CA-84N
CA-92N	COUPLER, 2 X 2, 128-520 MHz,N-F, ROHS	CA-93N
CA-94D	HYBRID COUPLER, 3dB, 380-520MHz, 7-16DIN, ROHS	CA-93N
CA-94DP	HYBRID COUPLER, 380-520MHz,D-F, IP67 RATED, ROHS	CA-93N

Product	Product Description	Microlab Recommended Alternate
CA-94E	COUPLER, 3dB, 380-520MHz4.3-10-F, ROHS	CA-93N
CA-94GN	HYBRID COUPLER, 380-520MHz,N-F, W/2 WATT TERM, ROHS	CA-93N with termination
CA-94N	HYBRID COUPLER, 3dB, 380-520MHz,N TYPE, ROHS	CA-93N
CA-99D	COUPLER, 2 X 2, 380-960 MHz,D-F, ROHS	CA-93N
CA-99N	COUPLER, 2 X 2, 380-960 MHz,N-F, ROHS	CA-93N
CB-17N	COUPLER DIRECTIONAL TYPE N 10DB 0.2-0.4GHZ	CK-771N
CK-08E	COUPLER, 20dB, 450-4200MHz,4.3-10-F, 200W, ROHS	No Alternate Available
CK-08N	COUPLER, 20dB, 450-4200MHz,N-F, 200W, ROHS	No Alternate Available
CK-09E	COUPLER, 30dB, 450-4200MHz,4.3-10-F, 200W , ROHS	No Alternate Available
CK-09LN	COUPLER, 30dB, 450-4200MHz,N-F, 4-PORTS, 200W , ROHS	No Alternate Available
CK-09N	COUPLER, 30dB, 450-4200MHz,N-F, 200W , ROHS	No Alternate Available
CK-15KD	COUPLER, 15dB, 694-3800MHz,D-F, OUTDOOR SALT/FOG	CK-15KE
CK-16KD	COUPLER, 6dB, 694-3800MHz,D-F, OUTDOOR SALT /FOG	CK-16KE
CK-16LD	COUPLER, 6dB, 617-3800MHz,D-F, 4-PORT, ROHS	CK-16LE
CK-17DP	COUPLER,10dB, 617-3800MHz, D-F, IP67 RATED, ROHS	CK-17KE
CK-17KD	COUPLER, 10dB, 694-3800MHz,D-F, OUTDOOR SALT /FOG	CK-17KE
CK-17LD	COUPLER, 10dB, 617-3800MHz,4 PORT, D-F, ROHS	CK-17LE
CK-17LN	COUPLER 10dB, 617-3800MHz,N-F, 4-PORT, ROHS	CK-17LE
CK-18KD	COUPLER, 20dB, 694-3800MHz,D-F, OUTDOOR SALT/FOG	CK-18KE
CK-18LN	COUPLER, 20dB, 617-3800MHz,N-F, 4-PORT, ROHS	No Alternate Available
CK-19LN	COUPLER, 30dB, 617-3600MHz,N-F, 4-PORT, ROHS	No Alternate Available
CK-27LN	COUPLER, 10 dB, 380-520 MHz,F-N ALL 4 PORTS,	No Alternate Available
CK-27N	COUPLER, 10 dB, 380-520 MHzROHS	CK-751N
CK-28D	DIRECTIONAL COUPLER, 380-520 MHz, 20dB TYPE DIN, ROHS	CC-20PSN
CK-35D	COUPLER,15dB,806-960/1710-2200MHz,DIN, ROHS	CC-15D
CK-35N	COUPLER,15dB,806-960/1710-2200ROHS	CC-15N
CK-36N	COUPLER 6dB 806-960/1710-2200MHz, ROHS	CC-06N
CK-37D	COUPLER,10dB,806-960/1710-2200DIN, ROHS	CC-10D
CK-38D	COUPLER,20dB,806-960/1710-2200,DIN, ROHS	CC-20D
CK-38N	COUPLER,20dB,806-960/1710-2200ROHS	CC-20N
CK-39D	COUPLER,30dB,806-960/1710-2200MHz,DIN, ROHS	CC-30D
CK-39N	COUPLER,30dB,806-960/1710-2200ROHS	CC-30N
CK-61N	COUPLER, 5dB, 800-2500MHz,TYPE 'N' CONNECTORS	CC-05N
CK-69N	COUPLER, 30dB, 800-2500MHzTYPE 'N' CONNECTORS	CC-30N
CK-75D	COUPLER, 15 dB, 380-2700 MHz,D-F, ROHS	CK-751D
CK-75LN	COUPLER, 15 dB, 380-2700 MHz,N-F, 4 PORT, ROHS	No Alternate Available
CK-75N	COUPLER, 15 dB, 380-2700 MHz,N-F, ROHS	CK-751N
CK-76D	COUPLER, 6 dB, 380-2700 MHzD-F, ROHS	CK-761D
CK-76LN	COUPLER, 6 dB, 380-2700 MHzN-F, 4 PORT, ROHS	No Alternate Available
CK-76N	COUPLER, 6 dB, 380-2700 MHzN-F, ROHS	CK-761N
CK-77D	COUPLER, 10 dB, 380-2700 MHz,D-F, ROHS	CK-771D
CK-77LN	COUPLER, 10 dB, 380-2700 MHz,N-F, 4 PORT, ROHS	No Alternate Available
CK-77N	COUPLER, 10 dB, 380-2700 MHz,N-F, ROHS	CK-771N
CK-86D	COUPLER, 6dB, 80-520MHzD-F, ROHS	CC-06PSN
CK-86E	COUPLER, 6dB, 80-520MHz4.3-10-F, ROHS	CC-06PSN
CK-86N	COUPLER, 6dB, 80-520MHzN-F, ROHS	CC-06PSN

Product	Product Description	Microlab Recommended Alternate
CK-87D	COUPLER, 10dB, 80-520MHz,D-F, ROHS	CC-10PSN
CK-87E	COUPLER, 10dB, 80-520MHz,4.3-10-F, ROHS	CC-10PSN
CK-87N	COUPLER, 10dB, 80-520MHz,N-F, ROHS	CC-10PSN
CK-88D	COUPLER, 20dB, 80-520MHz,D-F, ROHS	CC-20PSN
CK-88E	COUPLER, 20dB, 80-520MHz,4.3-10-F, ROHS	CC-20PSN
CK-88N	COUPLER, 20dB, 80-520MHz,N-F, ROHS	CC-20PSN
CM-20DP	4X2 HYBRID DIPLEXER,698-960/1710-2170, D-F, IP67	CM-88D with termination
CM-20NP	4X2 HYBRID DIPLEXER,698-960/1710-2170, N-F, IP67	CM-88N with termination
CM-34D	4 X 4 HYBRID MATRIX,500-960 MHz,DIN, ROHS	CM-99D
CM-34N	4 X 4 HYBRID MATRIX 800-960MHz N TYPE, ROHS	CM-99N
CM-44N	4X4 HYBRID MATRIX,800-2200 MHzTYPE N, ROHS	CM-88N
CM-54D	4X4 HYBRID MATRIX 1700-2700 MHz, 7/16 DIN, ROHS	CM-88D
CM-58D	4 X 4 MATRIX COMB/SPLT,1710-2700 MHz, D-F	CM-88D
CM-58N	4 X 4 MATRIX COMB/SPLT,1710-2700 MHz, N-F	CM-88D
CM-68D	4 X 4 MATRIX COMB/SPLT,698-960 MHz, D-F	CM-99D
CM-68N	4 X 4 MATRIX COMB/SPLT,698-960 MHz, N-F	CM-99N
CM-73N	COMBINER, 3-WAY, 1710-2500MHz,4.8dB, N-F, ROHS	CM-80N with termination
CM-81E	3X3 HYBRID COUP, 698-2700 MHz,4.8dB, 4.3-10-D, ROHS	CM-80E
CM-82N	4:2 MATRIX, 6dB COMBINER,N-F, 698-2700 MHz, ROHS	CM-88N with termination
CM-83D	COMBINER, 3-WAY, 700-2700 MHz,4.8dB, D-F & N-F	CM-80N with termination
CM-83N	COMBINER, 3-WAY, 700-2700 MHz,4.8dB, ROHS	CM-80N with termination
CM-84NP	4 X 4 MATRIX COMB/SPLT,698-2700 MHz, N-F, IP67 RATED	CM-88N
CM-86E	4 X 4 COMBINER, 694-2700MHz4.3-10-F, 200W, ROHS	CM-88KE
CM-87N	COMBINER, 4:2, 698-2700 MHz,6dB, N-F	CM-88N with termination
CM-881E	4 X 4 MATRIX COMB/SPLT,694-2700MHz, 4.3-F, 500W	CM-88KE
CM-88F	4 X 4 MATRIX COMB/SPLT,694-2700, SMA-F, ROHS	CM-88KE
CM-91D	3 X 3 MATRIX COMBINER,350-960 MHz, D-F	CM-99N
CM-91N	3 X 3 MATRIX COMBINER,350-960 MHz, N-F	CM-99N
CM-98D	4 X 4 MATRIX COMB/SPLT,350-520 MHz, N-D	CM-99N
CM-98N	4 X 4 MATRIX COMB/SPLT,350-520 MHz, N-F	CM-99N
CP-11D	COUPLER, 5dB, 694-2700MHz,D-F, 300W, IP65 RATED	CC-05D
CP-11E	COUPLER, 5dB, 694-2700MHz,4.3-F, 300W, IP65 RATED	CC-05E
CP-11N	COUPLER, 5dB, 694-2700MHz,N-F, 300W, IP65 RATED	CC-05N
CP-12N	COUPLER, 7dB, 694-2700MHz, N-F, 300W, IP65 RATED	CC-07N
CP-13D	COUPLER, 13dB, 694-2700MHzD-F, 300W, IP65 RATED	CC-13D
CP-13N	COUPLER, 13dB, 694-2700MHzN-F, 300W, IP65 RATED	CC-13N
CP-14D	COUPLER, 8dB, 694-2700MHz,D-F, 300W, IP65 RATED	CC-08D
CP-14N	COUPLER, 8dB, 694-2700MHz,N-F, 300W, IP65 RATED	CC-08N
CP-15D	COUPLER, 15dB, 694-2700MHzD-F, 300W, IP65 RATED	CC-15D
CP-15N	COUPLER, 15dB, 694-2700MHz, N-F, 300W, IP65 RATED	CC-15N
CP-16D	COUPLER, 6dB, 694-2700MHz,D-F, 300W, IP65 RATED	CC-06D
CP-16E	COUPLER, 6dB, 694-2700MHz,4.3-F, 300W, IP65 RATED	CC-06N
CP-17D	COUPLER, 10dB, 694-2700MHzD-F, 300W, IP65 RATED	CC-10D
CP-17E	COUPLER, 10dB, 694-2700MHz4.3-F, 300W, IP65 RATED	CC-10E
CP-18D	COUPLER, 20dB, 694-2700MHzD-F, 300W, IP65 RATED	CC-20D
CP-18E	COUPLER, 20dB, 694-2700MHz4.3-F, 300W, IP65 RATED	CC-20E

Product	Product Description	Microlab Recommended Alternate
CP-18N	COUPLER, 20dB, 694-2700MHzN-F, 300W, IP65 RATED	CC-20N
CP-19N	COUPLER, 30dB, 694-2700MHzN-F, 300W, IP65 RATED	CC-30N
CP-21D	COUPLER, 5dB, 698-2700MHz,D-F, IP67 RATED, ROHS	CC-05D
CP-21N	COUPLER, 5dB, 698-2700MHz,N-F, IP67 RATED, ROHS	CC-05N
CP-22D	COUPLER, 7dB, 698-2700MHz,D-F, IP67 RATED, ROHS	CC-07D
CP-22N	COUPLER, 7dB, 698-2700MHz,N-F, IP67 RATED, ROHS	CC-07N
CP-25D	COUPLER, 15dB, 698-2700MHzD-F, IP67 RATED, ROHS	CC-15D
CP-25N	COUPLER, 15dB, 698-2700MHzN-F, IP67 RATED, ROHS	CC-15N
CP-26D	COUPLER, 6dB, 698-2700MHz,D-F, IP67 RATED, ROHS	CC-06D
CP-26N	COUPLER, 6dB, 698-2700MHz,N-F, IP67 RATED, ROHS	CC-06N
CP-27D	COUPLER, 10dB, 698-2700MHzD-F, IP67 RATED, ROHS	CC-10D
CP-27N	COUPLER, 10dB, 698-2700MHzN-F, IP67 RATED, ROHS	CC-10N
CP-28D	COUPLER, 20dB, 698-2700MHzD-F, IP67 RATED, ROHS	CC-20D
CP-28N	COUPLER, 20dB, 698-2700MHzN-F, IP67 RATED, ROHS	CC-20N
CP-29D	COUPLER, 30dB, 698-2700MHzD-F, IP67 RATED, ROHS	CC-30D
CP-29N	COUPLER, 30dB, 698-2700MHzN-F, IP67 RATED, ROHS	CC-30N
CP-52N	COUPLER, 7dB, 698-2700MHz,F-N, 200W, OUTDOOR	CC-07N
CP-53N	COUPLER, 12dB, 698-2700MHz,F-N, 200W, OUTDOOR	CC-13N
CP-54N	COUPLER, 15dB, 698-2700MHz,F-N, 200W, OUTDOOR	CC-15N
CP-56N	COUPLER, 6dB, 698-2700MHz,F-N, 200W, OUTDOOR	CC-06N
CP-57N	COUPLER, 10dB, 698-2700MHz,F-N, 200W, OUTDOOR	CC-10N
CP-58N	COUPLER, 20dB, 698-2700MHz,F-N, 200W, OUTDOOR	CC-20N
CT-64N	80W TERMINATED COMBINER,694-960 MHz, N-F, ROHS	CT-84KE
CT-74N	80W TERMINATED COMBINER,1710-2170 MHz, N-F, ROHS	CT-84KE
CT-84D	160W TERMINATED COMBINER,694-2700 MHz, D-F, IP67	CT-84KE
CT-84E	160W TERMINATED COMBINER,694-2700 MHz, 4.3-F, IP67	CT-84KE
CU-84D	DUAL TERMINATED COMBINER,694-2700 MHz, D-F, ROHS	CT-84KD
CU-84E	DUAL TERMINATED COMBINER,694-2700 MHz, 4.3-F, 80W	CT-84KE
D2-14FN	POWER SPLITTER 800-2200 MHz	D2-85FN
D2-17FN	2-WAY,800-2500MHz,N-TYPE	D2-85FN
D2-19FN	2-WAY SPLITTER, 698-2700MHz, F-N, ROHS	D2-84KFE
D2-1TF	DIVIDER REACTIVE 2 OUTPUTS TYPE SMA .5-1.5 GHZ	D2-49FF
D2-25FD	2 WAY SPLITTER, 700-2700MHz, 7/16 DIN, ROHS	D2-85FD
D2-2FF	DIVIDER REACTIVE 2 OUTPUTS TYPE SMA 1.0-3.0 GHZ	D2-49FF
D2-49FNP	2-WAY SPLITTER, 350-5925 MHz,N-F, PAINTED, IP67 RATED, ROHS	D2-49FN
D2-4FF	DIVIDER REACTIVE 2 OUTPUTSTYPE SMA 2.0-6.0 GHZ	No Alternate Available
D2-4TT	DIVIDER REACTIVE 2 OUTPUTS TYPTNC 2.0-6.0 GHZ	No Alternate Available
D2-55FN	SPLITTER, 694-2700MHz, 2 WAYROHS	D2-85FN
D2-64FF	2-WAY SPLITTER, 800-2500 MHz,SMA-F, 10W	D2-49FF
D2-64FN	800-2500MHz,2-WAY,RESISTIVE,N,10 WATT	D2-49FN
D2-65FN	800-2500 MHz,2-WAY,RESISTIVE,TYPE N, 50 WATT	D2-72FN
D2-65MN	SPLITTER, 2-WAY, 800-2500 MHz,M-N IN, F-N OUT, 50 WATT	D2-72FN
D2-68FN	SPLITTER, 2-WAY, 380-2700 MHzN-F, 100 WATT, ROHS	D2-61FN
D2-71FN	2-WAY SPLITTER, 5150-5850 MHz,N-F, ROHS	D2-82FE
D2-75FF	2-WAY SPLITTER, 694-2700 MHz,SMA-F, 50W	D2-69FN
D2-77FF	2-WAY SPLITTER, 800-2500 MHz,SMA-F OPPOSED CONNECTORS	D2-69FF

Product	Product Description	Microlab Recommended Alternate
D2-77FN	2-WAY SPLITTER, 698-2700 MHz,N-F OPPOSED CONNECTORS	D2-72FN
D2-79FQ	GPS SPLITTER, 2-WAY, 694-2700,QN-F, 10W, W/DC PATH, ROHS	D2-42FN
D2-84FD	2-WAY SPLITTER, 575-2700 MHz,D-F, FLANGED	D2-85FD
D2-85FEP	SPLITTER, 2-WAY, 694-2700 MHz4.3-10-F, IP67 RATED, ROHS	D2-84KFE
D2-85FNP	SPLITTER, 2-WAY, 694-2700 MHz, N-F, IP67 RATED, ROHS	D2-84KFE
D2-88FD	350-2700 MHz, 2 way, 7/16 DINBLOCK & TUBE STYLE, ROHS	D2-08FD
D3-14FN	POWER SPLITTER 800-2200 MHz	D3-85FN
D3-25FD	3 WAY SPLITTER, 700-2700MHz, 7/16 DIN, ROHS	D3-85FD
D3-2FF	DIVIDER REACTIVE 3 OUTPUTS TYPE SMA 1.0-3.0 GHZ	D3-49FF
D3-4FF	DIVIDER REACTIVE 3 OUTPUTS TYPE SMA 2.0- 6.0 GHZ	No Alternate Available
D3-64FN	800-2500 MHz,3-WAY, RESISTIVE,N-Type, 5 WATT	D3-49FN
D3-75FF	3-WAY SPLITTER, 694-2700 MHz,SMA-F, 50W	D3-69FN
D3-77FF	3-WAY SPLITTER, 800-2500 MHz,SMA-F OPPOSED CONNECTORS	D3-69FF
D3-77FN	3-WAY SPLITTER, 698-2700 MHz,N-F OPPOSED CONNECTORS	D3-72FN
D3-79FN	GPS SPLITTER, 3-WAY, 698-2700,N-F, 5W, W/DC PATH, ROHS	No Alternate Available
D3-84FD	3-WAY SPLITTER, 575-2700 MHz,D-F, FLANGED	D3-85FD
D3-84KFD	3-WAY SPLITTER, 575-2700 MHz,D-F, FLANGED, SALT/FOG	D3-84KFE
D3-85FEP	SPLITTER, 3-WAY, 694-2700 MHz4.3-10-F, IP67 RATED, ROHS	D3-84KFE
D3-86FN	SPLITTER, 3-WAY, 698-3800 MHz,N-F, BLOCK & TUBE STYLE, ROHS	D3-16FN
D3-88FD	380-2500 MHz, 3 way, 7/16 DINBLOCK & TUBE STYLE, ROHS	D2-08FD
D3-88FN	350-2700 MHz, 3 way, 'N'BLOCK & TUBE STYLE, ROHS	D3-16FN
D4-25FD	4 WAY SPLITTER, 700-2700MHz, 7/16 DIN, ROHS	D4-85FD
D4-2FF	DIVIDER REACTIVE 4 OUTPUTS TYPE 1.0-3.0GHZ	D4-49FF
D4-57FN	4-WAY, 800-2500 MHz,N-TYPE	D4-85FN
D4-64FF	4-WAY SPLITTER, 800-2500 MHz,SMA-F, 10W	D4-69FF
D4-64FN	800-2500 MHz, 4 Way, RESISTIVEN-TYPE, 10 WATT	D4-69FF
D4-75FF	4-WAY SPLITTER, 694-2700 MHz,SMA-F, 50W	D4-69FN
D4-77FN	4-WAY SPLITTER, 698-2700 MHz,N-F OPPOSED CONNECTORS	D4-69FF
D4-79FN	GPS SPLITTER, 4-WAY, 698-2700,N-F, 10W, W/DC PATH, ROHS	D4-42FN
D4-84FD	4-WAY SPLITTER, 575-2700 MHz,D-F, FLANGED	D4-85FD
D4-88FD	380-2500 MHz, 4 way, 7/16 DINBLOCK & TUBE STYLE, ROHS	D4-08FD
D5-4FF	DIVIDER REACTIVE 5 OUTPUTS TYPE SMA 2.0-6.0 GHZ	No Alternate Available
D5-85FN	SPLITTER, 5-WAY,698-2700 MHz,F-N, ROHS	No Alternate Available
D6-64FF	6-WAY SPLITTER, 800-2500 MHz,SMA-F, 10W, ROHS	D6-69FF
D6-64FN	SPLITTER, 6-WAY, 800-2500MHz,10 WATT, N-F	D6-69FN
D6-77FN	6-WAY SPLITTER, 800-2500 MHz,N-F OPPOSED CONNECTORS	D6-69FF
D6-79FN	GPS SPLITTER, 6-WAY, 698-2700,N-F, 10W, W/DC PATH, ROHS	No Alternate Available
D8-64FF	8-WAY SPLITTER, 800-2500 MHz,SMA-F, 10W, ROHS	D8-69FF
D8-64FN	8-WAY SPLITTER, 800-2500MHz'N', 10 watt, ROHS	D8-69FN
D8-79FN	GPS SPLITTER, 8-WAY, 698-2700,N-F, 5W, W/DC PATH, ROHS	D8-42FN
DA-3FB	DIVIDER RESISTIVE 3 ARMS TYPEBNC DC-2.0 GHZ	No Alternate Available
DA-3FF	DIVIDER RESISTIVE 3 ARMS TYPESMA DC-2.0GHZ	No Alternate Available
DA-3FN	DIVIDER RESISTIVE 3 ARMS TYPEN DC-2.0 GHZ	No Alternate Available
DB-3FN	DIVIDER RESISTIVE 4 ARMS TYPEN DC-2.0 GHZ	No Alternate Available
DC-3FN	DIVIDER RESIST 5 ARM,N DC-2GHZ	No Alternate Available
DD-3FF	DIVIDER RESISTIVE 6 ARMS TYPESMA DC-2.0 GHZ	No Alternate Available

Product	Product Description	Microlab Recommended Alternate
DD-3FN	DIVIDER RESISTIVE 6 ARMS TYPEN DC-2.0 GHZ	No Alternate Available
DE-3FF	DIVIDER RESISTIVE 7 ARMS TYPESMA DC-2.0 GHZ	No Alternate Available
DF-3FB	DIVIDER RESISTIVE, 10 ARMS,DC-1.0 GHZ, BNC-F	No Alternate Available
DF-3FN	DIVIDER RESISTIVE 10 ARMS TYPEN DC-1.0 GHZ	No Alternate Available
DK-58FN	TAPPER, 4:1, 380-2700 MHz,6dB, 500W, ROHS	No Alternate Available
DN-01FD	TAPPER, 137-960 MHz100:1, 20.0dB, ROHS	DN-01FN
DN-10F	TAPPER, 698-5500 MHz,10:1, 10dB, 50W, ROHS	DN-74FN
DN-20F	TAPPER, 698-5500 MHz,100:1, 20dB, 50W, ROHS	DN-04N
DN-30F	TAPPER, 698-5500 MHz,1000:1, 30dB, 50W, ROHS	DN-14FN
DN-31FD	TAPPER, 137-960 MHz2:1, 3.0dB, ROHS	DN-31FN
DN-51FD	TAPPER, 137-960 MHz4:1, 6.0dB, ROHS	DN-51FN
DN-71FD	TAPPER, 137-960 MHz10:1, 10.0dB, ROHS	DN-71FN
DN-89NQ	TAPPER, 20dB, 698-2700MHz,N-F/M & QMA	No Alternate Available
DN-91FD	TAPPER, 137-960 MHz30:1, 15.0dB, ROHS	DN-91FN
DN-99DQ	TAPPER, 40dB, 698-2700MHz,D-F/M & QMA	DN-14MFE
DN-99DQR	TAPPER, 40dB, 698-2700MHz,D-F/M & RIGHT ANGLE QMA.	DN-14MFE
DN-99NQ	TAPPER, 40dB, 698-2700MHz,N-F/M & QMA	DN-14MFE
FP-12D	LOW PIM ATTENUATOR, 200W,D-M/F, 694-2700MHz	No Alternate Available
FP-14FN	LOW PIM ATTENUATOR, 200W,N-F/F, 694-2700MHz	No Alternate Available
FP-14N	LOW PIM ATTENUATOR, 200W,N-M/F, 694-2700MHz	No Alternate Available
FY-06D	LOW PIM ATTENUATOR, 6dB,617-2700MHz, 10W, D-M/F	FY-06E
FY-10D	LOW PIM ATTENUATOR, 10dB,617-2700MHz, 10W, D-M/F	FY-10E
FY-15D	LOW PIM ATTENUATOR, 15dB,617-2700MHz, 10W, D-M/F	FY-15E
FY-20D	LOW PIM ATTENUATOR, 20dB,617-2700MHz, 10W, D-M/F	FY-20E
FZ-15FD	LOW PIM ATTENUATOR, 15dB,D-F/F, 617-2700MHz, 110W	FZ-15E
FZ-20FD	LOW PIM ATTENUATOR, 20dB,D-F/F, 617-2700MHz, 100W	FZ-20E
FZ-30FD	LOW PIM ATTENUATOR, 30dB,D-F/F, 617-2700MHz, 110W	FZ-30E
GPSJ-20-NMSM	2m GPS Jumper Cable DC-6GHz 50W N(m) - SMA(m) n/a PIM Indoor	No Alternate Available
GPSR108	GPS REPEATER HEAD END1RU, 8 GPS OUTPUTS, INDOOR	GPSR116
HR-20FD	DC BLOCK, INNER, 250-2700 MHz,D-F/F, ROHS	HR-20D
HR-20T	DC BLOCK,INNER,TNC,700-4000 MHz, 250W	HR-20D
HR-21D	DC BLOCK, OUTER 380-2500 MHz,'DIN', ROHS	HR-26E
HR-21N	DC BLOCK, OUTER 380-2500 MHz,'N', (FORMERLY HR-D12), ROHS	HR-26E
HR-22D	DC BLOCK (INNER/OUTER)380-2500 MHz, 'DIN', ROHS	HR-26E
HR-25D	DC BLOCK,INNER,380-2700 MHz,250W, 'DIN', ROHS	HR-26E
HW-02N	TEE MONITOR WITH DC BLOCK TYPEN 0.1-0.5 GHZ	No Alternate Available
HW-10D	BIAS TEE, 700-2200 MHz, 7-16 DIN	No Alternate Available
HW-10N	BIAS TEE, 698-2500MHz, N TYPE	No Alternate Available
HW-15F	TEE MONITOR WITH DC BLOCK TYPESMA .9-2.0GHZ	No Alternate Available
HW-15N	TEE MONITOR WITH DC BLOCK TYPEN .9-2.0GHZ	No Alternate Available
HZ-10N	SIGNAL SAMPLER REACTIVE TYPE N0.05-12.0GHZ	No Alternate Available
JA-107FA	JUMPER CABLE, LOW PIM,N-F TO D-M, 10.7 METER	No Alternate Available
JA-10GA	JUMPER CABLE, LOW PIM,D-M TO MD-M, 1METER	No Alternate Available
JA-10TB	JUMPER CABLE, LOW PIM,MD-M TO MD-F, 1 METER	No Alternate Available
JA-122FA	JUMPER CABLE, LOW PIM,N-F TO D-M, 12.2 METER	No Alternate Available

Product	Product Description	Microlab Recommended Alternate
JA-122MN	JUMPER CABLE, LOW PIM,N-M TO N-M, 12.2 METER	No Alternate Available
JA-12MN	JUMPER CABLE, LOW PIM,N-M TO N-M, 1.2 METER	No Alternate Available
JA-137FA	JUMPER CABLE, LOW PIM,N-F TO D-M, 13.7 METER	No Alternate Available
JA-152FA	JUMPER CABLE, LOW PIM,N-F TO D-M, 15.2 METER	No Alternate Available
JA-19FA	JUMPER CABLE, LOW PIM,N-F TO D-M, 1.9 METER	No Alternate Available
JA-20MB	JUMPER CABLE, LOW PIM,MD-M TO MD-M, 2 METER	No Alternate Available
JA-20ME	JUMPER CABLE, LOW PIM,MD-M TO D-M, 2 METER	No Alternate Available
JA-20TB	JUMPER CABLE, LOW PIM,MD-M TO MD-F, 2 METER	No Alternate Available
JA-31FA	JUMPER CABLE, LOW PIM,N-F TO D-M, 3.1 METER	No Alternate Available
JA-31MN	JUMPER CABLE, LOW PIM,N-M TO N-M, 3.1 METER	No Alternate Available
JA-43FA	JUMPER CABLE, LOW PIM,N-F TO D-M, 4.3 METER	No Alternate Available
JA-61FA	JUMPER CABLE, LOW PIM,N-F TO D-M, 6.1 METER	No Alternate Available
JA-61MA	JUMPER CABLE, LOW PIM,D-M TO N-M, 6.1 METER	No Alternate Available
JA-98MN	JUMPER CABLE, LOW PIM,N-M TO N-M, 9.8 METER	No Alternate Available
JP-05MN	JUMPER CABLE, LOW PIM,N-M TO N-M, 0.5 METER	JA-05MN
JP-10FN	JUMPER CABLE, LOW PIM,N-F TO N-F, 1 METER	JA-10FN
JP-10MA	JUMPER CABLE, LOW PIM,D-M TO N-M, 1METER	JA-10MA
JP-10MD	JUMPER CABLE, LOW PIM,D-M TO D-M, 1 METER	JA-10MD
JP-10MN	JUMPER CABLE, LOW PIM,N-M TO N-M, 1 METER	JA-10MN
JP-10TN	JUMPER CABLE, LOW PIM,N-M TO N-F, 1 METER	JA-10TN
JP-20MA	JUMPER CABLE, LOW PIM,D-M TO N-M, 2METER	JA-20MA
JP-20MN	JUMPER CABLE, LOW PIM,N-M TO N-M, 2 METER	JA-20MN
JP-20TN	JUMPER CABLE, LOW PIM,N-M TO N-F, 2 METER	JA-20TN
JP-30MN	JUMPER CABLE, LOW PIM,N-M TO N-M, 3 METER	JA-30MN
JP-60MD	JUMPER CABLE, LOW PIM,D-M TO D-M, 6 METER	No Alternate Available
JP-60MN	JUMPER CABLE, LOW PIM,N-M TO N-M, 6 METER	No Alternate Available
JR-05MN	JUMPER CABLE, LOW PIM,N-M/RA TO N-M, 0.5 METER	No Alternate Available
JR-10MN	JUMPER CABLE, LOW PIM,N-M/RA TO N-M, 1 METER	No Alternate Available
JR-20MN	JUMPER CABLE, LOW PIM,N-M/RA TO N-M, 2 METER	No Alternate Available
KM-90D	COMBINER BOX, 8 X 4,698-2700 MHz, D-F, ROHS	DCC690D
LB-07N	FILTER LOW PASS 0.7GHZ TYPE N	No Alternate Available
PP-10FD	LOW PIM PATCH PANEL,DIN-F/F, 165 PIM, ROHS	No Alternate Available
PP-10FN	LOW PIM PATCH PANEL,N-F/F, 165 PIM, ROHS	No Alternate Available
SF-10N	TUNER DOUBLE SLUG TYPE N0.3-1.7 GHZ	No Alternate Available
SF-11F	TUNER DOUBLE SLUG TYPE SMA .3-1.7 GHZ	No Alternate Available
SF-11N	TUNER DOUBLE SLUG TYPE N .3-1.7 GHZ	No Alternate Available
SF-31N	TUNER DOUBLE SLUG TYPE N 1.0 -5.0 GHZ	No Alternate Available
SO-2FN	TUNER SLIDING SHORT TYPE N .2-1.0 GHZ	No Alternate Available
SR-05F	TUNER LINE STRETCHER TYPE SMA.5-4.0 GHZ	SR-05N
ST-05F	TUNER TROMBONE LINE STRETCHERTYPE SMA .25-4.0 GHZ	ST-05N
ST-05FF	TROMBONE LINE STRETCHER TYPE SMA .25-4.0 GHZ	ST-05N
ST-15F	TUNER TROMBONE LINE STRETCHERTYPE SMA .25-4.0 GHZ	ST-15N
ST-15FF	TROMBONE LINE STRETCH,.75-4GHZ	ST-15N
TA-5FB	TERMINATION TYPE BNC 2 WATTS	No Alternate Available
TA-5MB	TERMINATION, "BNC" 2 WATTS	No Alternate Available
TA-5MT	TERMINATION, DC-18.0 GHZ,TNC-M, 2 WATTS	No Alternate Available

Product	Product Description	Microlab Recommended Alternate
TA-6FN	TERMINATION TYPE N DC-18.0 GHZ2WATTS	No Alternate Available
TA-6MN	TERMINATION TYPE N DC-18.0 GHZ2 WATTS	No Alternate Available
TB-5MT	TERMINATION TNC DC-6.0 GHz 10WATTS	No Alternate Available
TB-6FN	TERMINATION TYPE N DC-2.5GHz20 WATTS	No Alternate Available
TK-21FD	LOW PIM LOAD, 10W, 400-2700MHzD-F, ROHS	No Alternate Available
TK-21FE	LOW PIM LOAD, 10W, 400-2700MHz4.3-10-F, ROHS	TK-210FE
TK-21FF	LOW PIM LOAD, 10W, 400-2700MHzSMA-F, ROHS	No Alternate Available
TK-21FN	LOW PIM LOAD, 10W,400-2700MHzN-F, ROHS	No Alternate Available
TK-21KMD	LOW PIM LOAD, 10W, 400-2700MHzD-M, OUTDOOR SALT/FOG	TK-210MD
TK-21KME	LOW PIM LOAD, 10W, 400-2700MHz4.3-M, OUTDOOR SALT/FOG	TK-210ME
TK-21MD	LOW PIM LOAD, 10W, 400-2700MHzD-M, ROHS	TK-210MD
TK-21MDP	LOW PIM LOAD, 10W, 400-2700MHzD-M, IP67 RATED, ROHS	TK-210MD
TK-21ME	LOW PIM LOAD, 10W, 400-2700MHz4.3-10-M, ROHS	TK-210ME
TK-21MEP	LOW PIM LOAD, 10W, 400-2700MHz4.3-10-M, IP67 RATED, ROHS	TK-210ME
TK-21MF	LOW PIM LOAD, 10W, 400-2700MHzSMA-M, ROHS	No Alternate Available
TK-21MN	LOW PIM LOAD, 10W, 400-2700MHzN-M, ROHS	TK-210MN
TK-21MNP	LOW PIM LOAD, 10W, 400-2700MHzN-M, IP67 RATED, ROHS	TK-210MN
TK-23FD	LOW PIM LOAD, 30W, 400-2700MHzD-F, ROHS	TK-205FD
TK-23FE	LOW PIM LOAD, 30W, 400-2700MHz4.3-10-F, ROHS	TK-225FE
TK-23FN	LOW PIM LOAD, 30W, 400-2700MHzN-F, ROHS	No Alternate Available
TK-23MD	LOW PIM LOAD, 30W, 400-2700MHzD-M, ROHS	TK-225MD
TK-23ME	LOW PIM LOAD, 30W, 400-2700MHz4.3-10-M, ROHS	TK-225ME
TK-23MN	LOW PIM LOAD, 30W, 400-2700MHzN-M, ROHS	TK-225MN
TK-27FF	CABLE LOAD, 100W, 400-2700MHz,SMA-F, ROHS	No Alternate Available
XA-2040	DETECTOR MOUNT COAXIAL TYPE N.2-4.0 GHZ	XA-0040
YA-15NF	FLAT PANEL DIRECTIONAL ANTENNA698-2700 MHz, N-F, 50W	No Alternate Available
YA-33NF	OMNIDIRECTIONAL ANTENNA,380-2700 MHz, N-F, 50W	YA-17NF

Special Product	Product Description	Microlab Recommended Alternate
AN-A22	ATTENUATOR, 10dB, 5W,DC-3GHz, N-M/F	AN-10N
AN-A23	ATTENUATOR, 20dB, 5W,DC-3GHz, N-M/F	AN-20N
AN-A24	ATTENUATOR, 30dB, 5W,DC-3GHz, N-M/F	AN-30N
AP-A08	ATTENUATOR,6dB,10W,DC-3 GHzF/M-N	AP-06N
AQ-A14	ATTENUATOR,3dB,25 WATTS,DC-3GHz,N TYPE	AQ-03N
AQ-A17	ATTENUATOR, 20dB,DC-3GHz,N-M/F, 25W	AQ-20N
AQ-A18	ATTENUATOR,30dB,DC-3GHzN-M/F, 25WATT	AQ-30N
AR-A20	ATTENUATOR,10 dB,50 W,DC-3GHz,N-M/F	AR-10N
AR-A21	ATTENUATOR,20dB,50 WATTS,DC-3GHz,N TYPE	AR-20N
AR-A22	ATTENUATOR,30dB,DC-3GHz,N-M/F,50 WATTS,	AR-30N
AR-A25	ATTENUATOR,3dB,DC-3GHz,N-M/F,50WATTS,	AR-03N
AR-A26	ATTENUATOR,6dB,DC-3GHz,N-M/F,50 WATTS,	AR-06N
AU-A13	ATTENUATOR, 40dB, DC-3GHz,D-F/F, 200W	AU-40N
AU-A17	ATTENUATOR, 40dB, DC-3GHz,N-F/F, 200W, LABELED IN/OUT	AU-40N
BK-K43	DIPLEXER,80-2170,2400-2500MHZ,'N',IP67,, ROHS	BK-21N
BK-K87	DIPLEXER, 80-2180/2490-2690,F-N, ROHS	BK-67N
BK-L21	DIPLEXER, 80-520/694-2700 MHz,F-D,	BK-24D
BK-L22	DIPLEXER, 80-520/694-2700 MHz,F-N,	BK-24N
BK-L29	DIPLEXER,80-2170/2400-2500MHZ,N-F,	BK-81N
BK-L91	DIPLEXER,80-2700/3300-5850MHZ,N-F, EN REQ'D C OF C,	BK-26N
BK-M07	DIPLEXER,80-2700/3300-5850MHZ,N-F, W/GND LUG,	BK-26N
BK-M27	DIPLEXER, 694-960/1710-2180,D-F, 160 PIM, ROHS	BK-201E
BK-M59	DIPLEXER,80-2690/3300-5850MHZ,N-F, IP67, EN REQ'D	BK-26N
BK-M60	DIPLEXER, 850 MHz BAND A & B,D-F/BNC-F, 300W, ROHS	No Alternate Available
BK-M61	QUADRAPLEXER, LTE/GSM/PCS/AWS,D-F, 161 PIM, IP67, ROHS	BK-962E
BK-M63	DIPLEXER, 750/850 MHz BAND,D-F, 161 PIM, IP67, ROHS	BK-75E
BK-M79	DIPLEXER FILTER, UHF/UHF,N-F, ROHS	No Alternate Available
BK-M80	DIPLEXER FILTER, UHF/VHF,N-F, ROHS	No Alternate Available
BK-M81	DIPLEXER FILTER, VHF/VHF,N-F, ROHS	No Alternate Available
BK-M82	DIPLEXER FILTER, UHF/UHF,N-F, ROHS	No Alternate Available
BL-A30	DUPLEXER, US LTE 700N-F	BL-15N
CA-G04	COUPLER, 3dB, 380-520MHZ, N-F,W/TERMINATION, ROHS	CA-93N with termination
CA-G43	COUPLER, HYBRID 694-2700 MHz,3dB, N, 150 PIM TESTED, ROHS	CA-84N
CA-G45	COUPLER, HYBRID 694-2700MHz,D-F, 150 PIM, ROHS	CA-84KD
CA-G69	3dB COUPLER, 960-1215MHz,N-F, ROHS	CA-84N
CA-H38	COUPLER, HYBRID 350 - 5925MHz,F-N	CA-14N
CA-H72	COUPLER, 3dB, 698-2700 MHzW/2W TERM, IP67,	CA-84N with termination
CA-H73	COUPLER, 3dB, 694-2700 MHz,W/20W TERM, IP67,	CA-84N with termination
CA-H86	3 dB HYBRID COUPLER, 694-2700,D-F,	CA-84KD
CA-H91	3 dB HYBRID COUPLER, 694-2700TNC-F	CA-84KE
CA-H95	COUPLER, 694-2700MHz, W/PNT,D-F,	CA-84KD
CA-J04	3dB HYBRID COUPLER, 694-2700,D-F, ROHS	CA-84KD
CA-J05	3dB HYBRID COUPLER, 694-2700,D-F, IP67 RATED, ROHS	CA-84KD
CA-J06	3dB HYBRID COUPLER, 694-2700,N-F, ROHS	CA-84KE
CA-J07	3dB HYBRID COUPLER, 694-2700,N-F, IP67 RATED, ROHS	CA-84N
CA-J08	3dB HYBRID COUPLER, 694-2700,D-F, 250W, ROHS	CA-86D

Special Product	Product Description	Microlab Recommended Alternate
CA-J09	3dB HYBRID COUPLER, 694-2700,D-F, 250W, IP67 RATED, ROHS	CA-86D
CA-J10	3dB HYBRID COUPLER, 694-2700,N-F, 250W, ROHS	CA-86N
CA-J13	COUPLER, HYBRID 350 - 5925MHZ,N-F, ROHS	CA-14N
CA-J15	3 dB HYBRID COUPLER, 694-2700N-F (IN) & TNC-F	CA-84N
CA-J17	COUPLER, HYBRID 350 - 5925MHZ,F-N, W/GND LUG,	CA-14N
CA-J24	COUPLER, HYBRID 694-2700MHZ,D-F, IP67 RATED	CA-84KD
CA-J25	COMBINER, 3dB, 694-2700 MHzN-F, W/2 W TERM	CA-84N
CA-J30	3 dB HYBRID COUPLER, 694-2700,N-F, ROHS	CA-88N
CA-J34	COUPLER, HYBRID 350 - 5925MHZ,N-F, 155 PIM, ROHS	CA-14N
CA-J35	COUPLER, HYBRID 694-2700MHZ,D-F, 160 PIM, ROHS	CA-84KD
CA-J37	COUPLER, HYBRID 350 - 5925MHZ,N-F, 160 PIM, ROHS	CA-14N
CA-J38	COMBINER, 694-2700 MHz,D-F, W/10W TERM. IP67, ROHS	CA-84KD with termination
CB-D01	COUPLER DIRECTIONAL (16 dB)	No Alternate Available
CE-E03	LOOP COUPLER, 30dB, 150 MHz	No Alternate Available
CE-E04	LOOP COUPLER, 30dB, 650 MHz	No Alternate Available
CE-E62	LOOP COUPLER,40dB @ 600MHz,DIN-M & F, CPL N-F	No Alternate Available
CE-E63	LOOP COUPLER,40dB @ 700MHz,DIN-M & F, CPL N-F	No Alternate Available
CE-E65	LOOP COUPLER,50dB @ 425MHz,SMA-F/ADAPTER, CPL SMA-F, ROHS	No Alternate Available
CE-E66	LOOP COUPLER,50dB @ 2150MHz,SMA-F/ADAPTER, CPL SMA-F, ROHS	No Alternate Available
CF-B95	LOOP COUPLER, 30dB, 500MHz,N-F ALL PORTS	No Alternate Available
CF-B96	DUAL COUPLER, 20dB, 2100 MHz,N-M/F, CPL N-F	No Alternate Available
CK-A61	COUPLER, 6 dB, 380-520 MHz,ROHS	CK-761N
CK-C55	COUPLER, 6 dB, 380-2700 MHzN-F, ROHS	CK-761N
CK-C56	COUPLER, 10 dB, 380-2700 MHz,N-F, ROHS	CK-771N
CK-C57	COUPLER, 15 dB, 380-2700 MHz,D-F, ROHS	CK-751D
CK-C92	COUPLER, 20dB, 800-2500MHz,SMA-F	CC-20E
CK-D25	COUPLER, 10 dB, 380-2700 MHz,N-F, 4 PORT, -150 PIM	CK-771N
CK-D44	COUPLER,4 PORT, 450-3700 MHzN-F, 20dB	No Alternate Available
CK-D45	COUPLER,4 PORT, 450-3800 MHzN-F, 10dB	No Alternate Available
CK-D88	COUPLER, 5dB, 698-2700MHz,F-N, 50W	CK-51N
CK-D89	COUPLER, 7dB, 698-2700MHz,F-N, 50W	CK-52N
CK-D90	COUPLER, 6dB, 694-2700MHz,F-N, 50W	CK-56N
CK-D91	COUPLER, 10dB, 694-2700MHz,F-N, 50W	CK-57N
CK-D92	COUPLER, 15dB, 694-2700MHz,F-N, 50W	CK-54N
CK-D93	COUPLER, 20dB, 694-2700MHz,F-N, 50W	CK-58N
CK-E11	COUPLER, 30dB, 450-3800MHz,'N', 4-PORT	No Alternate Available
CK-E25	COUPLER, 6 dB, 380-2700 MHzN-F, ROHS	CK-761N
CK-E26	COUPLER, 10 dB, 380-2700 MHz,N-F, ROHS	CK-771N
CK-E27	COUPLER, 15 dB, 380-2700 MHz,N-F, ROHS	CK-751N
CK-E35	COUPLER, 20dB, 694-3800MHz,N-F, IP67 RATED,	CK-18KE
CK-E65	COUPLER, 15 dB, 380-2700 MHz,N-F, 4 PORT, 150 PIM	CK-15KE
CK-E66	COUPLER, 6 dB, 380-2700 MHzN-F, 4 PORT, 150 PIM	CK-16KE
CK-E67	COUPLER, 30dB, 694-3600MHz,N-F, ROHS	No Alternate Available
CK-E71	COUPLER, 6dB, 694-3800MHz,D-F, ROHS	CK-16KE
CK-E72	COUPLER, 10dB, 694-3800MHz,D-F, ROHS	CK-17KE
CK-E74	COUPLER, 30dB, 694-3600MHz,D-F, 200W, ROHS	CK-19E

Special Product	Product Description	Microlab Recommended Alternate
CK-E81	COUPLER, 10dB, 694-3800MHz,D-F, W/PAINT	CK-17KE
CK-E86	COUPLER, 30dB, 694-2700MHz,F-SMA, 4-PORT	No Alternate Available
CK-E87	COUPLER, 20dB, 450-4200 MHz,N-F, 200W	No Alternate Available
CK-E88	COUPLER,30dB,450-4200MHz,200W,N-F/M LONG & N-F CPL	No Alternate Available
CK-E97	COUPLER, 6dB, 698-2700MHz,BLK W/SPEC MTG BRKT	CC-06E
CK-E98	COUPLER, 10dB, 694-3800MHz,BLK, W/SPEC MTG BRKT	CK-17KE
CK-F20	COUPLER, 30dB, 694-2700MHz,F-N, 50W, ROHS	CC-30N
CK-F21	COUPLER, 20dB, 450-3800MHz,N-F, ROHS	No Alternate Available
CK-F22	COUPLER, 6 dB, 380-2700 MHzN-F, 4 PORT, 150 PIM, ROHS	CK-761N
CK-F24	COUPLER, 10 dB, 380-2700 MHz,D-F, SCREEN TO -150 PIM, ROHS	CK-771D
CM-A35	3X3 HYBRID COUP, 700-2700 MHz,4.8dB, F-D, 160 PIM	CM-80KD
CM-A66	4:1 COMBINER, 698-2700, 6dB,N-F	CM-88N with termination
CM-A67	3:1 COMBINER, 698-2700 MHz,N-F, W/INT TERM	CM-80N with termination
CM-A86	COMBINER, 3X1, 698-2700 MHz,W/60W LOAD, IP67,	CM-80N with termination
CM-A87	4X4 MATRIX COMB/SPLT, 694-2700N-F, IP67 RATED,	CM-80N with termination
CM-A91	COMBINER, 3X1, 698-2700 MHz,W/30W LOAD, ROHS	CM-80N with termination
CM-A92	COMBINER, 3-WAY, 698-2700 MHz, 4.8dB, N-F	CM-80N with loads
CM-B09	4 X 4 MATRIX COMB/SPLT,694-2700MHz, D-F, ROHS	CM-88KD
CM-B22	4X4 MATRIX COMB/SPLT,694-2700MHz,N-F,	CM-88N
CM-B24	3X3 COMBINER, 694-2700MHz,D-F, ROHS	CM-80KD
CM-B25	3X3 COMBINER, 694-2700MHz,D-F, IP67 RATED, ROHS	CM-80KD
CM-B27	3X3 COMBINER, 694-2700MHz,N-F, IP67 RATED, ROHS	CM-80N
CM-B28	4X4 COMBINER, 694-2700MHz,D-F, ROHS	CM-88KD
CM-B29	4X4 COMBINER, 694-2700MHz,D-F, IP67 RATED, ROHS	CM-88KD
CM-B30	4X4 COMBINER, 694-2700MHz,N-F, ROHS	CM-88N
CM-B31	4X4 COMBINER, 694-2700MHz,N-F, IP67 RATED, ROHS	CM-88N
CM-B35	4:1 COMBINER, 698-2700, 6dB,N-F, W/GND LUG,	CM-88N with termination
CM-B53	3X3 HYBRID COUP, 694-2700 MHz,D-F (IN) N-F (OUT), 100W	CM-80N
CM-B60	4 X 1 COMBINER, 694-2700MHz4.3-10-F, W/(3) 2W TERM	CM-88KE
CP-A03	COUPLER, 10dB, 698-2700MHz,F-N, 200W, OUTDOOR, ROHS	CC-10N
CP-A04	COUPLER, 5dB, 698-2700MHz,N-F, 300W, IP65 RATED, ROHS	CC-05N
CP-A05	COUPLER, 7dB, 698-2700MHz,N-F, 300W, IP65 RATED, ROHS	CC-07N
CP-A06	COUPLER, 15dB, 698-2700MHz,N-F, 300W, IP65 RATED, ROHS	CC-15N
CP-A07	COUPLER, 6dB, 698-2700MHz,N-F, 300W, IP65 RATED, ROHS	CC-06N
CP-A08	COUPLER, 10dB, 698-2700MHz,N-F, 300W, IP65 RATED, ROHS	CC-10N
CP-A09	COUPLER, 20dB, 698-2700MHz,N-F, 300W, IP65 RATED, ROHS	CC-20N
CT-A09	80W LOW PIM COMBINER,694-2700 MHz, N-F, ROHS	CT-84N
CT-A10	80W TERMINATED COMBINER, D-F,694-2700,	CT-84KD
CT-A12	80W TERM. COMBINER, 694-2700,D-F (IN) D-M (COM)	CT-84KD
CT-A14	80W LOW PIM COMBINER, 694-2700N-F,IP67 RATED,	CT-84N
CT-A20	COMBINER,694-2700MHz,80W,D-F, IP67 RATED, ROHS	CT-84KD
CT-A21	COMBINER,694-2700MHz,80W,N-F, IP67 RATED, ROHS	CT-84N
D2-G77	2-WAY SPLITTER, 350-5925 MHz,RFS:PDWO2-350/6000, ROHS	D2-49FN
D2-H29	SPLITTER, 2-WAY, 698-2700MHz,N-F, 10W	D2-69FN
D2-H30	SPLITTER, 2-WAY, 800-2500 MHz,F-N	D2-85FN
D2-H31	SPLITTER, 2-WAY, 694-2700 MHz,N-F, ROHS	D2-85FN

Special Product	Product Description	Microlab Recommended Alternate
D2-H32	SPLITTER, 2-WAY, 694-2700MHz, F-N	D2-69FN
D2-H33	SPLITTER, 2-WAY, 694-2700 MHz, F-D	D2-85FD
D2-H34	2 WAY SPLITTER,700-2700MHz, F-D	D2-85FD
D2-H91	SPLITTER, 2-WAY, 694-2700MHz,N-F, 10W	D2-69FN
D2-H92	2-WAY SPLITTER, 380-2700 MHz,N-F	D2-67FN
D2-H95	SPLITTER, 2-WAY, 694-2700 MHzD-F, ROHS	D2-85FD
D2-H97	2-WAY SPLITTER, 698-2700 MHz,N-F	D2-78FN
D2-J03	SPLITTER,2-WAY,694-2700MHz,SMA10W, ROHS	D2-69FF
D2-J05	2-WAY SPLITTER, 380-2700 MHz,F-N	D2-67FN
D2-J06	SPLITTER, 2-WAY, 694-2700MHz,N-F, 10W,	D2-69FN
D2-J11	SPLITTER, 2-WAY, 694-2700,D-F, IP67 RATED, ROHS	D2-85FD
D2-J13	SPLITTER, 2-WAY, 698-2700 MHzBLK W/SPEC MTG BRKT	D2-85FD
D2-J17	SPLITTER, 2-WAY, 350-2700MHz,N-F	D2-08FN
D2-J18	2-WAY SPLITTER, 698-2700MHz,F-N	D2-85FN
D2-J19	SPLITTER, 2-WAY, 694-2700 MHz,N-F	D2-85FN
D2-J20	SPLITTER,2-WAY,698-2700MHz,SMA-F, 10W, ROHS	D2-69FF
D2-J25	SPLITTER, 2-WAY, 694-2700 MHz,N-F, ROHS	D2-85FN
D2-J31	2-WAY SPLITTER, 694-3800 MHzD-F, IP67 RATED, ROHS	D2-16FD
D3-B10	3 WAY SPL/TER,694-2700MHz,N-F,ROHS	D3-85FN
D3-B58	380-2500 MHz, 3 way, 'N', ROHS	D3-08FN
D3-B61	SPLITTER, 3-WAY, 700-3600 MHz,N-F, ROHS	D3-85FN
D3-B65	SPLITTER, 3-WAY, 694-2700 MHzF-DIN	D3-85FD
D3-B72	SPLITTER, 3-WAY, 694-2700MHz,N-F, 5W,	D3-69FN
D3-B74	SPLITTER, 3-WAY, 694-2700 MHz,N-F, ROHS	D3-85FN
D3-B75	SPLITTER, 3-WAY, 694-2700 MHzF-D,	D3-85FD
D3-B80	SPLITTER, 3-WAY, 694-2700 MHz,F-N, ROHS	D3-85FN
D3-B82	SPLITTER, 3-WAY, 694-2700 MHz,F-D,	D3-85FD
D3-B84	SPLITTER 3-WAY, 350-2700 MHzN-F,	D3-08FN
D3-B95	3-WAY SPLITTER, 698-2700MHz,F-N	D3-85FN
D3-C11	3-WAY SPLITTER, 698-2700 MHz,N-F, 50W,	D3-72FN
D3-C14	SPLITTER, 3-WAY, 694-2700MHz,N-F, 5W	D3-69FN
D3-C15	3-WAY SPLITTER, 380-2700 MHz,N-F	D3-67FN
D3-C17	SPLITTER, 3-WAY, 694-2700 MHzD-F, , ROHS	D3-85FD
D3-C20	3-WAY SPLITTER, 698-2700 MHz,N-F	D3-78FN
D3-C26	SPLITTER, 3-WAY, 694-2700MHz,N-F, 5W,	D3-69FN
D3-C29	SPLITTER, 3-WAY, 694-2700 MHzD-F, ROHS	D3-85FD
D3-C30	SPLITTER, 3-WAY, 694-2700,D-F, IP67 RATED, ROHS	D3-85FD
D3-C37	GPS SPLITTER, 3-WAY, 694-2700,N-F, W/DC PATH	No Alternate Available
D3-C39	3-WAY SPLITTER, 698-2700MHz,F-N, ROHS	D3-85FN
D4-A89	POWER SPL/TER,4 WAY/694-2700MHz,TYP N,ROHS	D4-85FN
D4-B08	4 WAY SPLITTER, 800-2500 MHz,F-N, 10W,	D4-49FN
D4-B43	SPLITTER, 4-WAY, 700-3600 MHz,N-F, ROHS	D4-16FN
D4-B58	SPLITTER, 4-WAY, 694-2700MHz,N-F, 10W	D4-69FN
D4-B62	SPLITTER, 4-WAY, 694-2700 MHzF-D,	D4-85FD
D4-B68	SPLITTER, 4-WAY, 694-2700 MHzF-D,	D4-85FD
D4-B70	SPLITTER, 4-WAY, 380-2700 MHz,N-F,	D4-67FN

Special Product	Product Description	Microlab Recommended Alternate
D4-B79	4-WAY SPLITTER, 698-2700MHz,F-N	D4-85FN
D4-B90	4-WAY SPLITTER, 698-2700 MHz,N-F, 50W,	D4-75FN
D4-B96	4-WAY SPLITTER, 380-2700 MHz,N-F	D4-67FN
D4-B98	SPLITTER, 4-WAY, 694-2700 MHz,N-F, IP67 RATED,	D4-85FN
D4-C04	4-WAY SPLITTER, 698-2700 MHz,N-F	D4-78FN
D4-C06	4-WAY SPLITTER, 380-2700 MHz,F-N	D4-67FN
D4-C07	4-WAY SPLITTER, 694-2700 MHz,F-N	D4-69FN
D4-C08	SPLITTER, 4-WAY, 694-2700 MHzD-F, ROHS	D4-85FD
D4-C09	SPLITTER, 4-WAY, 694-2700 MHzN-F, ROHS	D4-85FN
D4-C17	SPLITTER, 4-WAY, 380-2700 MHz,D-F, ROHS	D4-08FD
D5-A09	DIVIDER, 5-WAY, 2.0-6.0 GHZ,SMA-F OUT, N-F IN	No Alternate Available
D5-A11	SPLITTER, 5-WAY,698-2700 MHz,N-F, PIM 153	No Alternate Available
D6-A25	6-WAY DIVIDER, 2000-6000MHz,N-F (IN) SMA-F (OUT)	No Alternate Available
D6-A26	6-WAY DIVIDER, 1000-3000 MHz,N-M (IN) SMA-F (OUT)	No Alternate Available
D6-A28	SPLITTER, 6-WAY, 694-2700 MHz,N-F	D6-85FN
D6-A30	SPLITTER, 6-WAY, 694-2700 MHz,N-F, ROHS	D6-85FN
D8-A06	8-WAY SPLITTER, 800-2500 MHz, ROHS	D8-75FN
DA-D96	POWER DIVIDER (10-WAY)	No Alternate Available
DN-A10	TAPPER, 350-2700MHz, 3:1,4.8dB, 500W,	DN-44FN
DN-A11	TAPPER, 350-5930 MHz, 4:1,6dB, 500W,	DN-54FN
DN-A12	TAPPER, 350-5930MHz, 6:1,8dB, 500W	DN-64FN
DN-A13	TAPPER, 350-5930 MHz, 10:1,10dB, 500W	DN-74FN
DN-A15	TAPPER, 350-5930 MHz, 30:115dB, 500W	DN-94FN
DN-A40	TAPPER, 2:1, 3dB, 350-5930MHzF-N, 500W	DN-34FN
DN-A41	TAPPER, 350-5930 MHz3:1, 4.8dB,	DN-44FN
DN-A42	TAPPER, 4:1, 6dB, 350-5930 MHzF-N, 500W,	DN-54FN
DN-A43	TAPPER, 6:1, 8dB, 350-5930MHzN-F, 500W	DN-64FN
DN-A44	TAPPER,10:1, 10dB, 350-5930MHzF-N, 500W,	DN-74FN
DN-A45	TAPPER,20:1, 13dB, 350-5930MHzF-N, 500W	DN-84FN
DN-A46	TAPPER, 15dB, 350-5930 MHz,30:1, 500W,	DN-94FN
DN-A52	TAPPER, 350-5930 MHz,100:1,20dB,500W,	DN-04FN
DN-A53	TAPPER, 350-5930 MHz,1000:1, 30dB	DN-14FN
DN-A87	TAPPER, 350-5930 MHz10:1, 10dB, 500W	DN-74FN
DN-A96	TAPPER, 350-5930 MHz4:1, 6dB, 500W	DN-54FN
DN-B02	TAPPER, 350-5930 MHz3:14.8dB,500W	DN-44FD
DN-B03	TAPPER, 350-5930 MHz, 4:16dB, 500W,	DN-54FD
DN-B04	TAPPER, 350-5930 MHz , D-F,100:1, 20dB, ROHS	DN-04FD
DN-B05	TAPPER, 350-5930 MHz, D-F1000:1, 30dB, ROHS	DN-14FD
DN-B09	TAPPER, 350-5930 MHz , D-F6:1, 8dB, ROHS	DN-64FD
DN-B10	TAPPER, 350-5930 MHz, D-F10:1, 10dB, ROHS	DN-74FD
DN-B11	TAPPER, 350-5930 MHz , D-F20:1, 13dB, ROHS	DN-84FD
DN-B12	TAPPER, 350-5930 MHz, D-F30:1, 15dB, ROHS	DN-94FD
DN-B25	TAPPER, 350-5930MHz,100:1, 20dB, 500W, ROHS	DN-04FD
DN-B33	TAPPER, 350-5930 MHz10:1, 10dB, PAINTED, ROHS	DN-74FD
DN-B34	TAPPER, 3dB, 350-5930 MHz2:1, N-F, 500W, ROHS	DN-34FN
DN-B35	TAPPER, 4.8dB, 350-5930 MHz3:1, N-F, 500W, ROHS	DN-44FN

Special Product	Product Description	Microlab Recommended Alternate
DN-B36	TAPPER, 6dB, 350-5930 MHz4:1, N-F, 500W, ROHS	DN-54FN
DN-B37	TAPPER, 8dB, 350-5930 MHz,6:1, N-F, 500W, ROHS	DN-64FN
DN-B38	TAPPER, 10dB, 350-5930 MHz,10:1, N-F, 500W, ROHS	DN-74FN
DN-B39	TAPPER, 13dB, 350-5930 MHz,20:1, N-F, 500W, ROHS	DN-84FN
DN-B40	TAPPER, 15dB, 350-5930 MHz,30:1, N-F, 500W, ROHS	DN-94FN
DN-B41	TAPPER, 20dB, 350-5930 MHz,100:1, N-F, 500W, ROHS	DN-04FN
DN-B42	TAPPER, 350-5930 MHz2:1, 3.0dB, 500W, ROHS	DN-34FD
DN-B43	TAPPER, 350-5930 MHz3:1, 4.8dB, 500W, ROHS	DN-44FD
DN-B44	TAPPER, 350-5930 MHz,4:1, 6dB, 500W, ROHS	DN-54FD
DN-B45	TAPPER,350-5930MHz6:1, 8dB, 500W, ROHS	DN-64FD
DN-B46	TAPPER, 350-5930 MHz10:1, 10dB, 500W, ROHS	DN-74FD
DN-B47	TAPPER, 350-5930 MHz20:1, 13dB, 500W, ROHS	DN-84FD
DN-B48	TAPPER, 350-5930 MHz,30:1, 15dB, 500W, ROHS	DN-94FD
DN-B49	TAPPER, 350-5930 MHz,100:1, 20dB, 500W, ROHS	DN-04FD
DN-B50	TAPPER, 350-5930 MHz,1000:1, 30dB, 500W, ROHS	DN-14FD
FY-A03	LOW PIM ATTENUATOR, 30dB,2500-2700MHz, 20W, 4.1-9.5-M/F	FY-30E
FZ-A07	ATTENUATOR, 3dB, 80 WATT,N-F/F, 694-2700MHz, ROHS	FZ-03FE
FZ-A08	ATTENUATOR, 6dB, 133 WATT,N-M/F, 694-2700MHz, ROHS	FZ-06E
FZ-A09	ATTENUATOR, 10dB, 110 WATT,N-M/F, 694-2700MHz, ROHS	FZ-10E
FZ-A10	ATTENUATOR, 15dB, 100 WATT,N-M/F, 694-2700MHz, ROHS	FZ-15N
FZ-A11	ATTENUATOR, 20dB, 100 WATT,N-M/F, 694-2700MHz, ROHS	FZ-20E
FZ-A12	ATTENUATOR, 30dB, 100 WATT,N-M/F, 694-2700MHz, ROHS	FZ-30E
FZ-A13	ATTENUATOR, 3dB, 80 WATT,D-F/F, 694-2700MHz, ROHS	FZ-03E
FZ-A14	ATTENUATOR, 6dB, 133 WATT,D-M/F, 698-2700MHz, ROHS	FZ-06E
FZ-A15	ATTENUATOR, 10dB, 110 WATT,D-M/F, 694-2700MHz, ROHS	FZ-10E
FZ-A16	ATTENUATOR, 15dB, 100 WATT,D-M/F, 694-2700MHz, ROHS	FZ-15E
FZ-A17	ATTENUATOR, 20dB, 100 WATT,D-M/F, 694-2700MHz, ROHS	FZ-20E
FZ-A18	ATTENUATOR, 30dB, 100 WATT,D-M/F, 694-2700MHz, ROHS	FZ-30E
FZ-A19	LOW PIM ATTEN, 15dB, 3 CHANNELN-F, 400-3000MHz	FZ-45E
FZ-A20	LOW PIM ATTEN, 40W, 10dB,N-M/F, 698-2700MHz	FZ-10E
FZ-A40	160 PIM ATTENUATOR, 3dB,N-F/F, 694-2700MHz, 80W	FZ-03E
FZ-A41	160 PIM ATTENUATOR, 6dB,N-F/F, 698-2700MHz, 100W	FZ-06E
FZ-A42	160 PIM ATTENUATOR, 15dB,N-F/F, 694-2700MHz, 100W	FZ-15E
FZ-A44	160 PIM ATTENUATOR, 30dB,N-F/F, 698-2700MHz, 100W	FZ-30E
FZ-A45	160 PIM ATTENUATOR, 20dB,N-F/F, 694-2700MHz, 100W	FZ-20E
FZ-A50	LOW PIM ATTENUATOR, 20dB,4.3-10-F/F, 694-2700MHz	FZ-20E
HR-D36	DC BLOCK (INNER)250-2700 MHz, ROHS	HR-20D
HR-D52	DC BLOCK, INNER/OUTER	HR-20N
HR-D58	BLOCK,DC INNER/OUTER 380-2500MHz,7/16 DIN TYPE	HR-26E
HR-D66	DC BLOCK, INNER,250-2700 MHzRFS# DCB-20D, ROHS	HR-20D
HR-D71	DC BLOCK,INNER,380-2700MHzN-F/M, 500W	HR-20N
HR-D74	DC BLOCK, IN/OUTER, 380-2500,D-M/F	HR-26E
HR-D75	DC BLOCK,INNER,380-2700 MHz,N-M/F	HR-20N
HR-D81	DC BLOCK, INNER/OUTER, 'N',380-2500 MHz, ROHS	HR-22N
HW-E66	BIAS TEE, 700-2500MHz, N TYPE	No Alternate Available
HX-C20	SIGNAL SAMPLER, 2.9-3.1 GHz,TM-TF, PROBE TF,	No Alternate Available

Special Product	Product Description	Microlab Recommended Alternate
HZ-A44	SIGNAL TAP, ADJUSTABLE, 380-2200MHZ, N TYPE	No Alternate Available
JA-A06	JUMPER CABLE, LOW PIM,N-M TO N-M, 1M, BAG & TAG	JA-10MN
JA-A08	JUMPER CABLE, <-140dBc PIM,SMA-M TO N-M, 25 FT	No Alternate Available
JA-A12	JUMPER CABLE, <-140dBc PIM,SMA-M TO N-M, 6 METER	No Alternate Available
JA-A13	JUMPER CABLE, <-140dBc PIM,SMA-M TO N-M, 7 METER	No Alternate Available
JA-A14	JUMPER CABLE, <-140dBc PIM,SMA-M TO D-M, 8 METER	No Alternate Available
JA-A15	JUMPER CABLE, <-140dBc PIM,SMA-M TO D-M, 9 METER	No Alternate Available
JA-A16	JUMPER CABLE, <-140dBc PIM,SMA-M TO D-M, 10 METER	No Alternate Available
JA-A17	JUMPER CABLE, <-140dBc PIM,SMA-M TO D-M, 11 METER	No Alternate Available
JA-A18	JUMPER CABLE, <-140dBc PIM,SMA-M TO D-M, 12 METER	No Alternate Available
JA-A19	JUMPER CABLE, <-140dBc PIM,SMA-M TO D-M, 13 METER	No Alternate Available
JA-A28	JUMPER CABLE, .141, LOW PIM,4.3-M TO SMB-PLUG-F, 1 FT	No Alternate Available
JD-A12	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 15 FEET	No Alternate Available
JD-A13	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 19 FEET	No Alternate Available
JD-A14	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 22 FEET	No Alternate Available
JD-A15	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 25 FEET	No Alternate Available
JD-A16	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 27 FEET	No Alternate Available
JD-A17	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 29 FEET	No Alternate Available
JD-A18	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 32 FEET	No Alternate Available
JD-A19	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 34 FEET	No Alternate Available
JD-A20	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 36 FEET	No Alternate Available
JD-A21	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 39 FEET	No Alternate Available
JD-A23	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 43 FEET	No Alternate Available
JD-A25	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 48 FEET	No Alternate Available
JD-A26	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 49 FEET	No Alternate Available
JD-A27	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO SMA-M, 52 FEET	No Alternate Available
JD-A28	JUMPER CABLE, .141, LOW PIM,QMA-F TO N-F, 1 METER	No Alternate Available
JD-A29	JUMPER CABLE, 1/4", LOW PIM,QMA-M TO N-F, 1 METER	No Alternate Available
JD-A30	JUMPER CABLE, 1/4", LOW PIM,SMA-F TO N-F, 1 METER	No Alternate Available
JD-A31	JUMPER CABLE, 1/4", LOW PIM,SMA-M TO N-F, 1 METER	No Alternate Available
JP-A06	JUMPER CABLE, 153 PIM,N-M TO N-M, 0.5 METER	JA-05MN
JP-A08	JUMPER CABLE, 153 PIM,N-M TO N-M, 1 METER	JA-05MN
JP-A09	JUMPER CABLE, LOW PIM,N-M/M, 1 METER, BAG & TAG	No Alternate Available
LB-C01	FILTER LOW PASS	No Alternate Available
LB-C08	FILTER LOW PASS 840-960 MHZ	No Alternate Available
LB-D63	LOW PASS FILTER, 840-960MHZ,BULKHEAD	No Alternate Available
LB-D94	LOW PASS FILTER, 740-960MHz,ROHS	No Alternate Available
LB-E09	LOW PASS FILTER, 840-960 MHzPIN LAUNCH TO N-F, ROHS	No Alternate Available
PP-A05	DEMARCO-PANELSMA, ROHS	No Alternate Available
RT-A01	COAXIAL SWITCH, TRAN, DC-3GHz,D-F, 200W, 24V	No Alternate Available
ST-A63	TUNER TROMBONE LINE STRETCHERN-M, .25-4.0 GHZ,CUST BRACKET	ST-05N
TA-J30	TERMINATION, DC-3.0GHz, 2WATT,M-N	TA-2MN
TA-J38	TERMINATION, DC-3.0 GHz,D-M, 2 WATT	TA-2MD
TB-F13	TERMINATION DC-2000 MHZ 7/16 DIN CONNECTOR	TB-5MD
TB-F64	TERMINATION,100W,DC-3000MHz,N-M	TB-75MN
TB-F96	TERMINATION, DC-2500 MHz, 20W,D-F	TB-5MD

Special Product	Product Description	Microlab Recommended Alternate
TB-G12	TERMINATION, DC-4000MHz,N-M, 100W	TB-75MN
TB-G19	TERMINATION, 25W, DC-3.0 GHz,N-M,	TB-10MN
TB-G26	TERMINATION, DC-5500MHz,N-M, 10W	TB-5MN
TB-G27	TERMINATION, DC-3.0 GHz,N-M, 25W	TB-10MN
TB-G29	TERMINATION, DC-4.0 GHz, 50W,D-M	TB-70MD
TB-G30	TERMINATION, DC-4.0 GHz, 50W,D-M, ROHS	TB-70MD
TB-G31	TERMINATION, DC-5.5GHz,N-M, 10 WATT	TB-5MN
TB-G32	TERMINATION, DC-4GHz,D-M, 50 WATT	TB-70MD
TB-G33	TERMINATION, DC-4GHz,D-M, 100 WATT	TB-75MD
TK-A18	LOW PIM LOAD, 30W, 400-2700MHz, N-M	TK-225MN
TK-A23	CABLE LOAD, 100W, 698-4000MHz,N-F	TK-27FN
TK-A33	LOW PIM LOAD, 400-2700MHz,D-F, 10W, ROHS	No Alternate Available
TK-A34	LOW PIM LOAD, 400-2700MHzD-M, 10W, ROHS	TK-210MD
TK-A35	LOAD, 153 PIM, 698-2700MHzSMA-F, 10W	No Alternate Available
TK-A36	LOAD, 153 PIM, 698-2700MHzSMA-M, 10W	TK-210ME
TK-A37	LOW PIM LOAD, 400-2700MHzN-F, 10W, ROHS	No Alternate Available
TK-A38	LOW PIM LOAD, 400-2700MHzN-M, 10W, ROHS	TK-210MN
TK-A39	LOW PIM LOAD, 400-2700MHzN-F, 30W, ROHS	No Alternate Available
TK-A40	LOW PIM LOAD, 400-2700MHzN-M, 30W, ROHS	TK-225MN
TK-A41	LOW PIM LOAD, 400-2700MHz,D-F, 60W, W/HANDLE, ROHS	TK-25FD
TK-A42	LOW PIM LOAD, 400-2700MHz,D-M, 60W, W/HANDLE, ROHS	TK-25MD
TK-A43	LOW PIM LOAD, 350-2700MHz,D-F, 100W, ROHS	TK--27FD
TK-A44	LOW PIM LOAD, 350-2700MHz,M-D, 100W, ROHS	TK-27MD
TK-A45	LOAD, 153 PIM, 698-2700MHz,SMA-F, 100W	No Alternate Available
TK-A46	LOW PIM LOAD, 350-2700MHz,N-F, 100W, ROHS	TK-27FN
TK-A47	LOW PIM LOAD, 350-2700MHz,N-M, 100W, ROHS	TK-27MN
TK-A54	LOW PIM LOAD, 10W, 698-2700MHzN-M, ROHS	TK-210MN
TK-A55	LOW PIM LOAD, 30W, 698-2700MHzN-F, ROHS	No Alternate Available
TK-A62	LOW PIM LOAD, 10W, 400-2700MHzD-M, IP66 & ROHS, PAINTED	TK-210MD
TK-A66	LOW PIM LOAD, 10W, 400-2700MHzD-M, IP67 & ROHS, PAINTED	TK-210MD
TK-A68	LOW PIM LOAD, 10W, 400-2700MHzD-M, IP67 & ROHS, PAINTED	TK-210MD
TK-A69	LOW PIM LOAD, 30W, 698-2700MHzD-F, ROHS	No Alternate Available