

GNSS Splitter, D2-42FN

2-way In-line Wilkinson Divider Low Loss, 1100-1650 MHz , N type Rev. B

- ◆ 1100-1650 MHz GNSS Frequency Range
- ♦ 0.25 W Power Rating
- Meets European Rail Standards EN 50155:2007 (Class T3)
- Low RF Insertion Loss
- 25 dB Isolation
- Single DC Path Feed
- 200Ω termination on the second port
- ♦ RoHS compliant
- Low Cost N Design



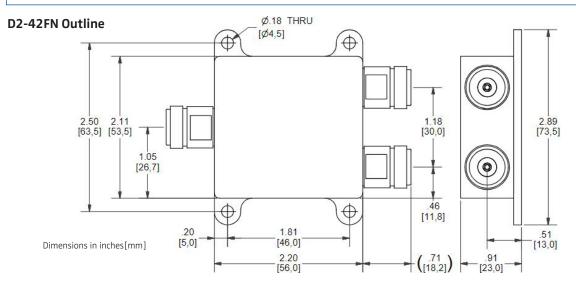
Microlab D2-42FN Wilkinson style splitter has been designed for GNSS applications, which require only one signal path to pass DC to the antenna LNA.

The unit has a frequency coverage from 1100 to 1650 MHz, and offers high output isolation and good VSWR.

Only one port passes DC, the other is DC terminated using 200Ω . The termination prevents GNSS receiver short alarm.

Bandwidth:	1100-1650 MHz		
Impedance:	50Ω nominal		
Environment:	-40 to +85°C,		
	Outdoor, IP67		
Housing:	Passivated Aluminum		
Connectors:	N (f) triplate		

Model	No. of	Split	Output	Insertion	Amplitude	VSWR	Power	Weight, nom.
Number	Ways	Loss	Isolation	Loss, max.	Balance	All Ports	Rating	lb (g)
D2-42FN	2	3 dB	>25 dB	<1.0 dB	<0.3 dB	<1.25:1	0.25W avg.	0.48 (218.6)



Note: Specifications are subject to change without prior notification.

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