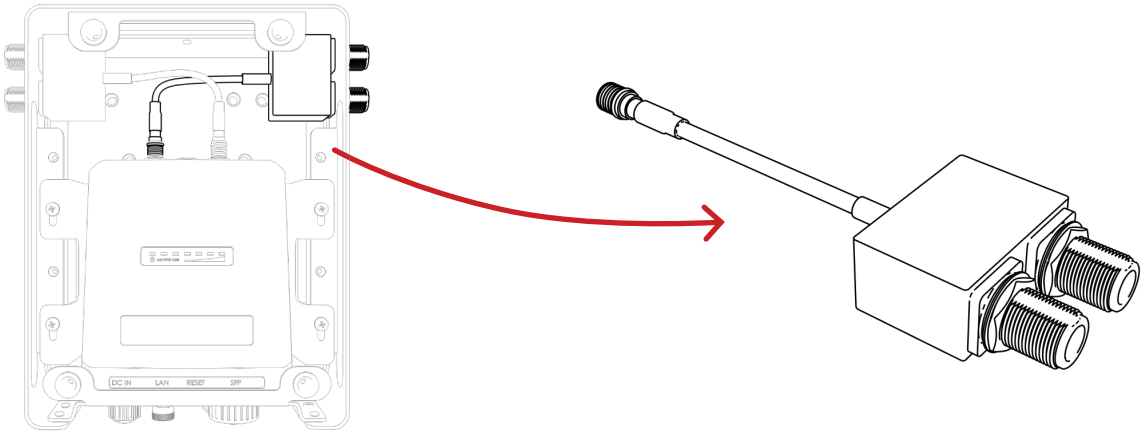
FM-SHIELD-SPL

Embedded splitter for FM-SHIELD

Fluidmesh is now part of Cisco.

FM-SHIELD-SPL is a 1-way-in/2-way-out signal splitter, specifically designed for use with FM-SHIELD. FM-SHIELD-SPL has a compact form factor and fits perfectly inside FM-SHIELD, making installation easy. The 1-way-in connection features a QMA-male connector to fit FM4x00-series radios. The 2-way-out connection features two N-female bulk connectors that are compatible with Fluidmesh N-Male antenna cables.



FEATURES AND BENEFITS

- FM-SHIELD and FM-SHIELD-SPL are an ideal combination in any harsh environments such as in rail and port installations, and on mining trailers and trucks
- Easy, clean installation
- Reduced number of RF cables and connectors, with a corresponding reduction in RF energy losses
- Increased protection for RF connectors and splitters
- Fully compatible with FM-SHIELD, no drilling or cutting needed

IMPORTANT

Refer to the FM-SHIELD User Manual before connecting any cable

SPECIFICATION

Description	1 TO 2 Ways Splitter
Frequency Range (MHz)	5000 - 6000
Insertion Loss (dB)	≤ 0.6
Amplitude Balance (dB)	± 0.2
Phase Balance	±3°
VSWR (in)	Typ. 1.16 / Max. 1.2
VSWR (out)	Typ. 1.14 / Max. 1.2
Isolation (dB)	Typ. 28 / Min. 22
Power (W)	Splitter 30 Combiner 2
Impedance (Ohms)	50
Operation temperature	-35℃- +75℃
Port Connectors	N-Female
Surface Finishing	Sandblasting natural color conductive oxide
Packaging content	2 units

Fluidmesh Networks products are installed locally by professional System Integrators and are available worldwide through a network of Authorized Dealers. For additional information please call +1.617.209.6080 or visit us at fluidmesh.com

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