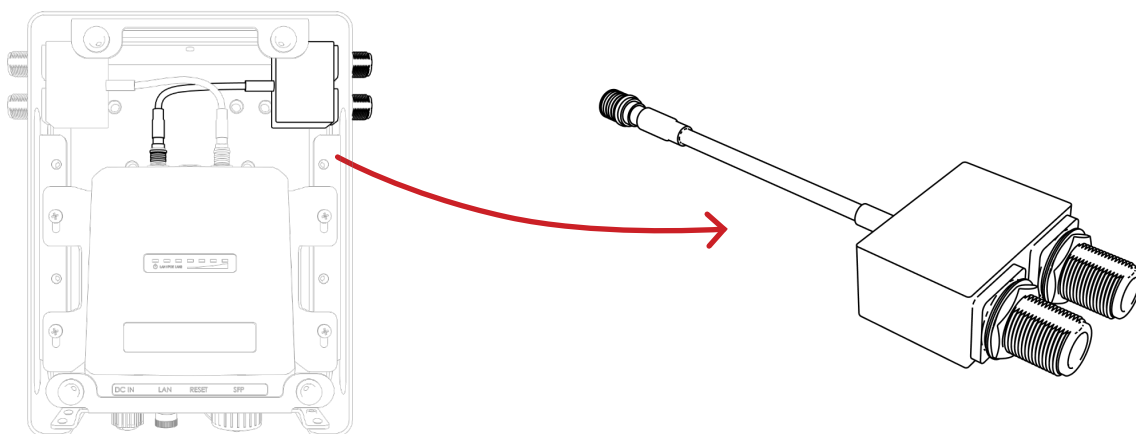


FM-SHIELD-SPL

Embedded splitter for FM-SHIELD

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°C- +75°C
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