



RFS' HYBRIFLEX™ cabling solution for Remote Radio Head (RRU) combines optical fiber and DC power for RRUs in a single lightweight aluminum corrugated cable, making it the world's most innovative solution for RRH deployments. It was developed to reduce installation complexity and cost at Cellular sites.

HYBRIFLEX™ cabling solutions allows mobile operators deploying RRH architecture to standardize RRH installation process and eliminates the need for and the cost of cable grounding.

[FEATURES / BENEFITS](#)

Technical features

STRUCTURE

Cable Type		Power Jumper
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DC POWER CABLE SPECIFICATIONS

Number of DC Pairs		1
Maximum DC-Resistance Power Cable	Ω/km (Ω/kft)	1.91 (0.57)
Cross Section of Power Cable	mm ² (AWG)	10 (7)
DC Wire Jacket Material		Polyethylene, PE
DC Wire Jacket Thickness	mm (in)	0.45 (0.02)
DC Cable Single Bending Radius	mm (in)	51 (2.01)
DC Cable Diameter	mm (in)	5.1 (0.2)
DC Standards (Meets or Exceeds)		IEC 60232
DC Cable sealing method		With Outdoor Usable Power Connector

MECHANICAL SPECIFICATIONS

Cable Weight	kg/m (lb/ft)	0.28 (0.18)
Minimum Bending Radius, (Operating)	mm (in)	70 (2.72)
Minimum Bending Radius, (Installation)	mm (in)	125 (4.92)

CABLE JACKET

UV-Protection Individual and External Jacket		Yes
Jacket Material		PE
Outer Diameter Nominal	mm (in)	12.5 (0.492)

F/O CABLE SPECIFICATIONS

F/O Cable Type		Power Jumper
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TESTING AND ENVIRONMENTAL

Storage Temperature	°C (°F)	-40 to 80 (-40 to 176)
Operation Temperature	°C (°F)	-40 to 80 (-40 to 176)
Installation Temperature	°C (°F)	-20 to 50 (-4 to 122)



HA-DCJMP-BM-10-XX

HYBRIFLEX® Power Jumper

Length	Model Name
1 m	HA-DCJMP-BM-10-01
2 m	HA-DCJMP-BM-10-02
3 m	HA-DCJMP-BM-10-03
4 m	HA-DCJMP-BM-10-04
5 m	HA-DCJMP-BM-10-05

Other Length on request



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[Notes](#)