



RFS cabling solution for Remote Radio Head (RRH) combines optical fiber and DC power for RRHs 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.

RFS 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**

<b>Cable Type</b>		Power Jumper
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**DC POWER CABLE SPECIFICATIONS**

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

**MECHANICAL SPECIFICATIONS**

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

**CABLE JACKET**

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

**F/O CABLE SPECIFICATIONS**

<b>F/O Cable Type</b>		Power Jumper
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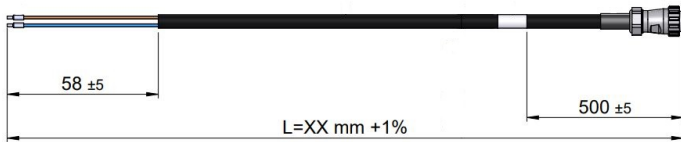
**TESTING AND ENVIRONMENTAL**

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



**ADDITIONAL ASSEMBLIES**

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



External Document Links

Notes