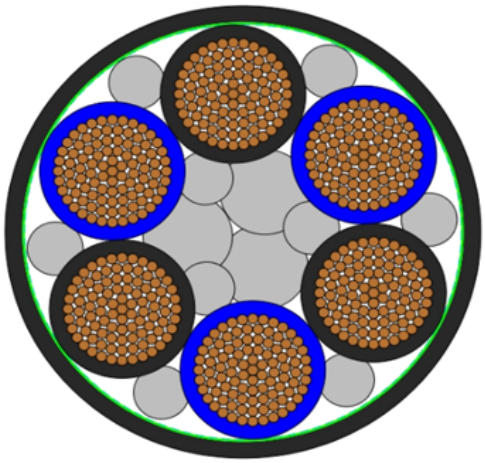
PRODUCT DATASHEET

PW-S-16U3-C

Power Connect cable 16mm² for connection of three RRU

RFS' HYBRIFLEX ™ cabling solution for Remote Radio Unit (RRU) combines optical fiber and DC power in a single lightweight aluminum corrugated cable, making it the world's most innovative solution for RRU deployments. It was developed to reduce installation complexity and cost at Cellular sites.
HYBRIFLEX™ cabling solutions allows mobile operators deploying RRU architecture to standardized installation process and eliminates the need for and the cost of cable grounding.
The **HYBRIFLEX**™ Power Connect cable **PW-S-16U3-C** is part of a site installation kit. It consists of three unshielded pairs and a CPR class.



FEATURES / BENEFITS

- UV resistant jacket
- Comply with IEC 60228
- Flexible

Technical features

STRUCTURE		
Cable Type		HYBRIFLEX™ Power Cable
Fire Performance		CPR B2ca s1 d0 a1, LSZH
DC POWER CABLE SPECIFICATIONS		
Number of DC Pairs		3
Maximum DC-Resistance Power Cable	Ω/km (Ω/kft)	1.21 (0.37)
Cross Section of Power Cable	mm² (AWG)	16 (6)
DC Wire Jacket Material		UV stable black JFN Blue and Black
DC Cable Single Bending Radius	mm (in)	53 (2.1)
DC Cable Diameter	mm (in)	7 (0.276)
MECHANICAL SPECIFICATIONS		
Minimum Bending Radius, (Operating)	mm (in)	120 (4.724)
Minimum Bending Radius, (Installation)	mm (in)	254 (10)
Recommended / Maximum Clamp Spacing	m (ft)	0.6 / 1 (2 / 3.25)
CABLE JACKET		
UV-Protection Individual and External Jacket		Yes
Outer Diameter Nominal	mm (in)	21.25 (0.837)
TESTING AND ENVIRONMENTAL		
Storage Temperature	°C (°F)	-40 to 85 (-40 to 185)
Operation Temperature	°C (°F)	-40 to 85 (-40 to 185)
Installation Temperature	°C (°F)	-20 to 50 (-4 to 122)

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering

External Document Links

Notes

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