PRODUCT DATASHEET

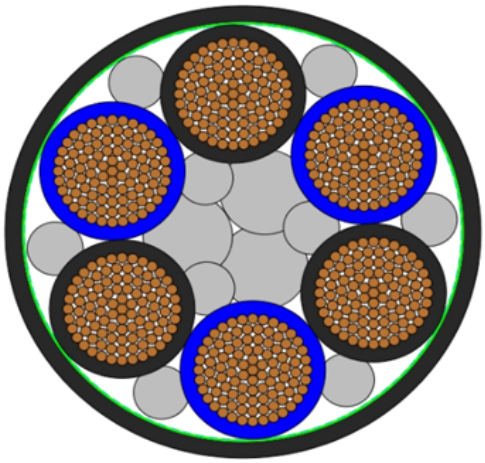
PW-S-10U3-C

Power Connect cable 10mm² 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-10U3-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)	1.91 (0.64)
Cross Section of Power Cable	mm² (AWG)	10 (7)
DC Wire Jacket Material		UV stable black JFN Blue and Black
DC Wire Jacket Thickness	mm (in)	0.65 (0.025)
DC Cable Single Bending Radius	mm (in)	53 (2.1)
DC Cable Diameter	mm (in)	5.1 (0.2)
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)	16.85 (0.663)
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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