

**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
Number of Copper Wire Pairs	3

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	16.85mm (0.663in)
Minimum Single Bending Radius	120mm (4.724in)
Minimum Multi Bending Radius	254mm (10in)
Recommended / Maximum Clamp Spacing	0.6 / 1 (2 / 3.25)

DC POWER CABLE SPECIFICATIONS

Maximum DC-Resistance Power Cable	1.91Ω/km (0.64Ω/kft)
Cross Section of Copper Wire Nicolas	10mm ² (7AWG)
Individual Copper Wire Jacket Material	UV stable black JFN Blue and Black
Individual Copper Wire Jacket Thickness	0.65mm (0.025in)
Individual Copper Wire Single Bending Radius	53mm (2.1in)
Individual Copper Wire Diameter	5.1 mm (0.2in)



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ENVIRONMENTAL

Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Operation Temperature	-40°C to 85°C (-40°F to 185°F)
Installation Temperature	-20°C to 50°C (-4°F to 122°F)

TESTING

Fire Performance	CPR B2ca s1 d0 a1, LSZH
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