

**PW-S-16U4-C16**Power Connect cable 16mm² for connection of four RRU

RFS' HYBRIFLEX™ cabling solution for Remote Radio Unit (RRU) combines optical fiber and DC power in a single cable, making it the world's most innovative solution for RRU deployments. It was developed to reduce installation complexity and cost at Cellular sites and is available with or without armor.

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-16U4-C16** is part of a site installation kit. It consists of four unshielded pairs and a CPR class.

Features / Benefits

- UV resistant jacket with CPR
- Comply with IEC 60228
- Flexible

Technical Features**STRUCTURE**

Cable Type	HYBRIFLEX™ Power Cable
Number of Copper Wire Pairs	4

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	26.4mm (1.039in)
Minimum Single Bending Radius	180mm (7.087in)
Minimum Multi Bending Radius	280mm (11.024in)
Recommended / Maximum Clamp Spacing	0.6 / 1 (2 / 3.25)

DC POWER CABLE SPECIFICATIONS

Maximum DC-Resistance Power Cable	1.21Ω/km (0.37Ω/kft)
Cross Section of Copper Wire Nicolas	16mm ² (6AWG)
Individual Copper Wire Jacket Material	UV stable black Blue and Brown
Individual Copper Wire Single Bending Radius	53mm (2.1in)
Individual Copper Wire Diameter	7mm (0.276in)

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)



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TESTING

Fire Performance	CPR Cca s1 d1 a1, LSZH
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