

**PW-S-10S4-F**Power Connect cable 10mm² for connection of four RRU

RFS' HYBRIFLEX™ cabling solution for Remote Radio Unit (RRH) combines optical fiber and DC power 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.

HYBRIFLEX™ cabling solutions allows mobile operators deploying RRH architecture to standardized installation process and eliminates the need for and the cost of cable grounding.

The **HYBRIFLEX™** Power Connect cable **PW-S-10S4-F** is part of a site installation kit. It consists of four 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	4

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	22.5mm (0.886in)
Cable Weight	1.03kg/m (0.692lb/ft)
Minimum Single Bending Radius	135mm (5.315in)
Minimum Multi Bending Radius	202.5mm (7.972in)
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 (AWG)
Individual Copper Wire Jacket Material	UV stable blue and gray

ARMOR SPECIFICATIONS

Armor Type	Aluminum foil shield
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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	LSZH CPR class F
Standards (Meets or Exceeds)	IEC 60228 class 5; UV resistance IEC 60068-2-5; IEC 60502-1