

**PW-S-06S4-F**Power Connect cable 6 mm² for connection of four RRHs

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-06S4-F** consists of four unshielded pairs and a CPR class.

DC wires protected by a corrugated Aluminum armor.

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	19.1mm (0.752in)
Cable Weight	0.674kg/m (0.453lb/ft)
Minimum Single Bending Radius	114.6mm (4.512in)
Minimum Multi Bending Radius	171.9mm (6.768in)
Recommended / Maximum Clamp Spacing	0.8 / 1 (2 / 3.25)

DC POWER CABLE SPECIFICATIONS

Maximum DC-Resistance Power Cable	3.48Ω/km (1.06Ω/kft)
Cross Section of Copper Wire Nicolas	6mm ² (AWG)
Individual Copper Wire Jacket Material	UV stable blue and gray

ARMOR SPECIFICATIONS

Armor Type	Aluminium 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)



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TESTING

Fire Performance	LSZH CPR class F
Standards (Meets or Exceeds)	IEC 60228 class 5; UV resistance IEC 60068-2-5; IEC 60502-1