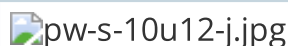


**PW-S-06U12-J**Power Connect cable 6 mm²

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-06U12-J** consists of twelve unshielded pairs DC wire.

Features / Benefits

- UV resistant jacket
- Comply with IEC 60228
- Flexible

Technical Features

STRUCTURE

Cable Type	HYBRIFLEX™ Power Cable
Number of Copper Wire Pairs	12
Jacket Material	UV stable black PE

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	42.75mm (1.683in)
Cable Weight	2.2kg/m (1.478lb/ft)
Minimum Single Bending Radius	240mm (9.449in)
Minimum Multi Bending Radius	508mm (20in)
Recommended / Maximum Clamp Spacing	0.8 / 1 (2 / 3.25)

DC POWER CABLE SPECIFICATIONS

Maximum DC-Resistance Power Cable	3.3Ω/km (1.01Ω/kft)
Jacket Material	UV stable black PE
Cross Section of Copper Wire Nicolas	6mm ² (10AWG)
Individual Copper Wire Jacket Material	PE Black and Blue
Individual Copper Wire Jacket Thickness	0.6mm (0.024in)
Individual Copper Wire Single Bending Radius	44mm (1.732in)
Individual Copper Wire Diameter	4.4mm (0.173in)
DC Cable Jacket	PE



PW-S-06U12-J
Power Connect cable 6 mm²

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

Standards (Meets or Exceeds)	IEC 60228
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