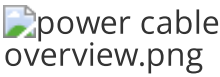




PW-S-06S1-F-01

Power Connect cable 6 mm<sup>2</sup> for connection of one 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-06S1-F-01** consists of one braid shielded pair DC wires.

Features / Benefits

- UV resistant jacket
- Comply with IEC 60228
- Flexible

Technical Features

STRUCTURE

|                             |                        |
|-----------------------------|------------------------|
| Cable Type                  | HYBRIFLEX™ Power Cable |
| Number of Copper Wire Pairs | 1                      |
| Jacket Material             | Flame retardant, LSZH  |

MECHANICAL SPECIFICATIONS

|                                     |                    |
|-------------------------------------|--------------------|
| Outer Diameter Nominal              | 9.9mm (3.9in)      |
| Cable Weight                        | 0.3kg/m (0.2lb/ft) |
| Minimum Single Bending Radius       | 160mm (6.3in)      |
| Minimum Multi Bending Radius        | 220mm (8.66in)     |
| 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)     |
| Jacket Material                        | Flame retardant, LSZH    |
| Cross Section of Copper Wire Nicolas   | 6mm <sup>2</sup> (10AWG) |
| Shielding                              | Braid                    |
| Individual Copper Wire Jacket Material | Flame retardant, LSZH    |
| Individual Copper Wire Diameter        | 4mm (0.157in)            |
| DC Cable Jacket                        | LSZH                     |



PW-S-06S1-F-01

Power Connect cable 6 mm<sup>2</sup> for connection of one RRU

ARMOR SPECIFICATIONS

|            |       |
|------------|-------|
| Armor Type | Braid |
|------------|-------|

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             | Flame retardant, LSZH |
| Standards (Meets or Exceeds) | UV EN50289-4-17       |