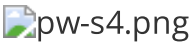




PW-S-08S4-J

Power Connect cable 8 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-08S4-J** consists of four unshielded pair

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 |
| Size                        | 5/8                    |
| Number of Copper Wire Pairs | 4                      |
| Jacket Material             | UV stable black PE     |

MECHANICAL SPECIFICATIONS

|                                     |                      |
|-------------------------------------|----------------------|
| Outer Diameter Nominal              | 20.85mm (0.82in)     |
| Cable Weight                        | 0.79kg/m (0.53lb/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)   |



PW-S-08S4-J

Power Connect cable 8 mm<sup>2</sup> for connection of one RRU

DC POWER CABLE SPECIFICATIONS

|                                              |                            |
|----------------------------------------------|----------------------------|
| Maximum DC-Resistance Power Cable            | 2.18Ω/km (0.66Ω/kft)       |
| Jacket Material                              | UV stable black PE         |
| Cross Section of Copper Wire Nicolas         | 8mm <sup>2</sup> (8AWG)    |
| Shielding                                    | Corrugated Aluminium Armor |
| Individual Copper Wire Jacket Material       | UV stable black PE         |
| Individual Copper Wire Jacket Thickness      | 0.7mm (0.028in)            |
| Individual Copper Wire Single Bending Radius | 53mm (2.1in)               |
| Individual Copper Wire Diameter              | 4.7mm (0.18in)             |
| DC Cable Jacket                              | UV stable black PE         |

ARMOR SPECIFICATIONS

|            |                            |
|------------|----------------------------|
| Armor Type | Corrugated aluminium armor |
|------------|----------------------------|

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             | PE        |
| Standards (Meets or Exceeds) | IEC 60228 |