

**PW-S-06S4-D**Power Connect cable 6 mm<sup>2</sup> 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.

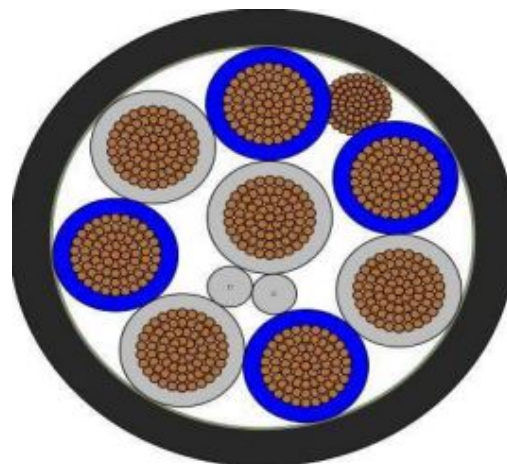
**HYBRIFLEX™** cabling solutions allows mobile operators deploying RRH architecture to standardized installation process and eliminates the need for and the cost of cable grounding.

The **HYBRIFLEX™** Power Connect cable **PW-S-06S4-D** 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
Fire Performance		CPR Dca

**DC POWER CABLE SPECIFICATIONS**

Number of DC Pairs		4
Maximum DC-Resistance Power Cable	Ω/km (Ω/kft)	3.3 (1.06)
Cross Section of Power Cable	mm <sup>2</sup> (AWG)	6 ( )
DC Wire Jacket Material		UV stable blue and white
DC Standards (Meets or Exceeds)		IEC 60228 class 5; UV resistance IEC 60068-2-5; IEC 60502-1

**MECHANICAL SPECIFICATIONS**

Cable Weight	kg/m (lb/ft)	0.606 (0.407)
Minimum Bending Radius, (Operating)	mm (in)	112.2 (4.417)
Minimum Bending Radius, (Installation)	mm (in)	168.3 (6.626)
Recommended / Maximum Clamp Spacing	m (ft)	0.8 / 1 (2 / 3.25)

**CABLE JACKET**

UV-Protection Individual and External Jacket		Yes
Outer Diameter Nominal	mm (in)	18.7 (0.736)

**ARMOR SPECIFICATIONS**

Armor Type		Aluminium foil shield
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**TESTING AND ENVIRONMENTAL**

<b>Storage Temperature</b>	°C (°F)	-40 to 50 (-40 to 122 )
<b>Operation Temperature</b>	°C (°F)	-40 to 80 (-40 to 176 )
<b>Installation Temperature</b>	°C (°F)	-15 to 45 (5 to 113 )

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