PRODUCT DATASHEET

PW-S-06S4-D

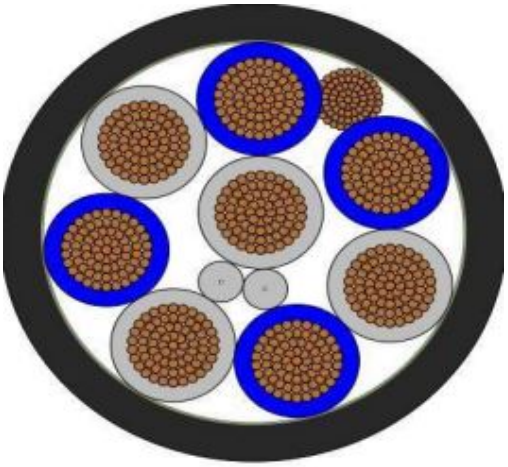
Power Connect cable 6 mm² for connection of four RRHs

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-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	mm² (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

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering

TESTING AND ENVIRONMENTAL

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

External Document Links

Notes

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering