

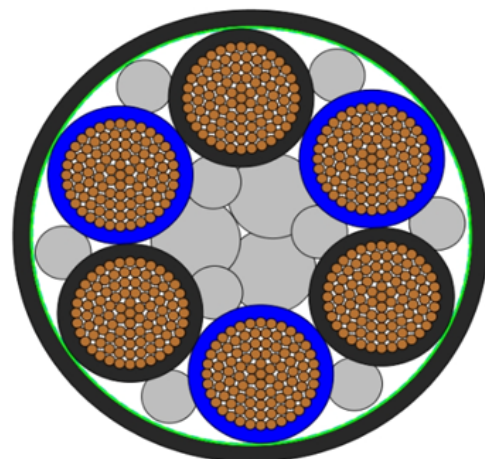


RFS' HYBRIFLEX™ cabling solution for Remote Radio Unit (RRU) combines optical fiber and DC power in a single lightweight aluminum corrugated cable, making it the world's most innovative solution for RRU deployments. It was developed to reduce installation complexity and cost at Cellular sites.

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-16U3-C** is part of a site installation kit. It consists of three unshielded pairs and a CPR class.

FEATURES / BENEFITS

- UV resistant jacket
- Comply with IEC 60228
- Flexible



External Document Links

Notes

Technical features

STRUCTURE

Cable Type		HYBRIFLEX™ Power Cable
Fire Performance		CPR B2ca s1 d0 a1, LSZH

DC POWER CABLE SPECIFICATIONS

Number of DC Pairs		3
Maximum DC-Resistance Power Cable	Ω/km (Ω/kft)	1.21 (0.37)
Cross Section of Power Cable	mm ² (AWG)	16 (6)
DC Wire Jacket Material		UV stable black JFN Blue and Black
DC Cable Single Bending Radius	mm (in)	53 (2.1)
DC Cable Diameter	mm (in)	7 (0.276)

MECHANICAL SPECIFICATIONS

Minimum Bending Radius, (Operating)	mm (in)	120 (4.724)
Minimum Bending Radius, (Installation)	mm (in)	254 (10)
Recommended / Maximum Clamp Spacing	m (ft)	0.6 / 1 (2 / 3.25)

CABLE JACKET

UV-Protection Individual and External Jacket		Yes
Outer Diameter Nominal	mm (in)	21.25 (0.837)

TESTING AND ENVIRONMENTAL

Storage Temperature	°C (°F)	-40 to 85 (-40 to 185)
Operation Temperature	°C (°F)	-40 to 85 (-40 to 185)
Installation Temperature	°C (°F)	-20 to 50 (-4 to 122)