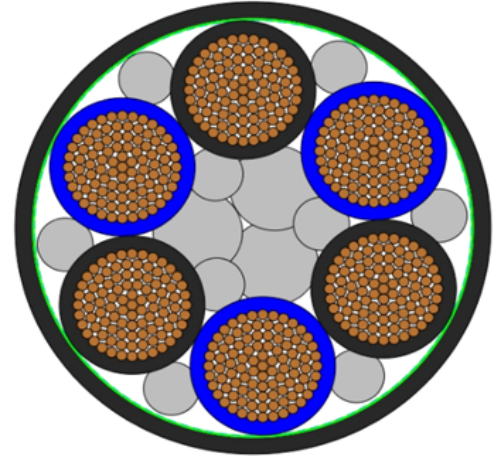




**RFS' HYBRIFLEX™** cabling solution for Remote Radio Unit (RRU) combines optical fiber and DC power in a single lightweight aluminum corrugated cable, making it the world's most innovative solution for RRU deployments. It was developed to reduce installation complexity and cost at Cellular sites.

**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-10U3-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

**Technical features**

**STRUCTURE**

<b>Cable Type</b>		HYBRIFLEX™ Power Cable
<b>Fire Performance</b>		CPR B2ca s1 d0 a1, LSZH

**DC POWER CABLE SPECIFICATIONS**

<b>Number of DC Pairs</b>		3
<b>Maximum DC-Resistance Power Cable</b>	Ω/km (Ω/kft)	1.91 (0.64)
<b>Cross Section of Power Cable</b>	mm <sup>2</sup> (AWG)	10 (7)
<b>DC Wire Jacket Material</b>		UV stable black JFN Blue and Black
<b>DC Wire Jacket Thickness</b>	mm (in)	0.65 (0.025)
<b>DC Cable Single Bending Radius</b>	mm (in)	53 (2.1)
<b>DC Cable Diameter</b>	mm (in)	5.1 (0.2)

**MECHANICAL SPECIFICATIONS**

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

**CABLE JACKET**

<b>UV-Protection Individual and External Jacket</b>		Yes
<b>Outer Diameter Nominal</b>	mm (in)	16.85 (0.663)

**TESTING AND ENVIRONMENTAL**

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



**PW-S-10U3-C**

Power Connect cable 10mm<sup>2</sup> for connection of three RRU

External Document Links

Notes