



RFS's HYBRIFLEX™ cabling solution for Remote Radio Unit (RRH) combines optical fibre and DC power in a single lightweight aluminum shielded 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-F-00-XXX is part of a site installation kit. It consists of four unshielded pairs terminated with bootlace ferrules ready for outdoor applications (Indoor versions available on request).



**FEATURES / BENEFITS**

- UV resistant jacket
- Comply with IEC 60228
- Flexible

**Technical features**

**STRUCTURE**

Cable Type		HYBRIFLEX™ Power Cable
Fire Performance		CPR rated Dca

**MECHANICAL SPECIFICATIONS**

Outer Diameter Nominal	mm (in)	18.7 (0.736)
Cable Weight	kg/m (lb/ft)	0.606 (0.407)
Minimum Bending Radius, (Operating)	mm (in)	114.6 (4.512)
Minimum Bending Radius, (Installation)	mm (in)	171.9 (6.768)
Recommended / Maximum Clamp Spacing	m (ft)	0.8 / 1 (2 / 3.25)

**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
Current Rating		33A at 50°C
DC Power Termination Top		ferrules on each individual wire
DC Power Termination Bottom		ferrules on each individual wire

**CABLE JACKET**

UV-Protection Individual and External Jacket		UV-resistant test according to IEC 60068-2-5
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**ARMOR SPECIFICATIONS**

Armor Type		Aluminium foil shield
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**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 )



**ADDITIONAL ASSEMBLIES**

Length	Model Name
5 m	PW-S-06S4-D-00-005
10 m	PW-S-06S4-D-00-010
15 m	PW-S-06S4-D-00-015
20 m	PW-S-06S4-D-00-020
25 m	PW-S-06S4-D-00-025
30 m	PW-S-06S4-D-00-030
35 m	PW-S-06S4-D-00-035
40 m	PW-S-06S4-D-00-040
45 m	PW-S-06S4-D-00-045
50 m	PW-S-06S4-D-00-050
55 m	PW-S-06S4-D-00-055
60 m	PW-S-06S4-D-00-060
65 m	PW-S-06S4-D-00-065
70 m	PW-S-06S4-D-00-070
75 m	PW-S-06S4-D-00-075
80 m	PW-S-06S4-D-00-080
85 m	PW-S-06S4-D-00-085
90 m	PW-S-06S4-D-00-090
95 m	PW-S-06S4-D-00-095
100 m	PW-S-06S4-D-00-100
110 m	PW-S-06S4-D-00-110
120 m	PW-S-06S4-D-00-120
130 m	PW-S-06S4-D-00-130
140 m	PW-S-06S4-D-00-140
150 m	PW-S-06S4-D-00-150
160 m	PW-S-06S4-D-00-160
170 m	PW-S-06S4-D-00-170
180 m	PW-S-06S4-D-00-180
190 m	PW-S-06S4-D-00-190
200 m	PW-S-06S4-D-00-200
Other length are available on request	

**RECOMMENDED TOOLS**

Earthing: GKSPEED20-12P	Hoisting: HOIST1-12C	Clamps: MBH-BT6D
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External Document Links

Notes