

RRU Power Cable



Construction

1. Conductor: Stranded Pure copper or tinned copper
2. Insulation: Flame retardant XLPE
Insulation Color: black/grey or grey/blue
3. Shielding(Inner): Aluminum polyester shield 100% coverage
4. Shielding(Outer): Tinned copper clad aluminum or tinned copper wire braid
5. Sheath: LSZH
Sheath Color: The sheath can be black for outdoor use or grey for indoor use.

Applications

Used for DC power supply connections between the Base Station (BBU) and Remote Radio Units (RRU). Suitable for outdoor fixed installation on telecommunication towers and distributed base stations. The ruggedized sheath provides excellent resistance to UV radiation, oil, and weathering.

Standards

- Design Specification: IEC 60502-1.
Conductor Standard: IEC 60228 Class 5.
Flame Retardancy: IEC 60332-1-2 or IEC 60332-3-24
Smoke & Halogen (Optional for LSZH): IEC 61034 (Low Smoke) & IEC 60754 (Halogen Free).
Environmental: RoHS & REACH Compliant.



Specification

Rated voltage	600V
Temperature Range	-40 to 70°C
Minimum bending radius	12x

Technical Data

Conductors Size (mm ²)	Diameter (mm)	Thickness	Max. DC resistance at 20°C (/km)
2x2.5mm ² (14AWG)	7.3x7	0.6	8.21
2X6mm ² (10AWG)	8.4x8.4	0.7	3.39
2X6mm ² (10AWG)	9.5x9.5	0.7	3.39
2X10mm ² (8AWG)	9.5x9.5	0.7	1.95
2X10mm ² (8AWG)	11.5x10.5	0.7	1.95
2X16mm ² (6AWG)	13.6x11.8	0.7	1.24