

NC-Cuprum 6UTP



Conductor	
Size	23 AWG
Design Type	Spacer / Copper Wires / 1 Jacket
Diameter (mm)	0.55 ± 0.5
Insulation	
Type	PE-UTP
Cable Diameter	Nom. 5.5±0.5 mm
Jacket Thickness	Nominal Thickness = 0.56 mm
Shielding	N/A
Physical	
1. Cold Bend Test	-30 ± 2°C X 4hrs no crack
2. Dielectric strength	AC 1.7KV for 2s
3. Insulation	Before Aging After Aging
Min Tensile Strength (psi)	2400 75% before aging (100°C X 48hours)
Min elongation (%)	300 75% before aging (100°C X 48hours)
Jacket	
Min Bending Radius	50 mm
Installation Temperature	-10°C to +60°C
Jacket	
Type	PVC
Overall Diameter	6.1 ± 0.3 mm



2021-Q2

NC-Cuprum 6SFTPI



Conductor	
Size	23 AWG
Design Type	Spacer / Copper Wires / 1 Jacket/Shield/Foil
Diameter (mm)	0.5 ± 0.55
Insulation	
Type	PE-SFTP
Cable Diameter	Nom. 5.5±0.5 mm
Jacket Thickness	Nominal Thickness = 0.56 mm
Shielding	Aluminium / Polyester Foil
Physical	
1. Cold Bend Test	-30 ± 2°C X 4hrs no crack
2. Dielectric strength	AC 1.7KV for 2s
3. Insulation	Before Aging After Aging
Min Tensile Strength (psi)	2400 75% before aging (100°C X 48hours)
Min elongation (%)	300 75% before aging (100°C X 48hours)
Jacket	
Min Bending Radius	50 mm
Installation Temperature	-10°C to +60°C
Jacket	
Type	PVC
Overall Diameter	8.1 ± 0.3 mm

NC-Cuprum 6SFTPO



Conductor	
Size	23 AWG
Design Type	Spacer / Copper Wires / 1 Jacket/ Shield/Foil
Diameter (mm)	0.5 ± 0.55
Insulation	
Type	PE-SFTP Outdoor
Cable Diameter	Nom. 5.5±0.5 mm
Jacket Thickness	Nominal Thickness = 0.59 mm
Shielding	Aluminium / Polyester Foil
Physical	
1. Cold Bend Test	-30 ± 2°C X 4hrs no crack
2. Dielectric strength	AC 1.7KV for 2s
3. Insulation	Before Aging After Aging
Min Tensile Strength (psi)	2400 75% before aging (100°C X 48hours)
Min Elongation (%)	300 75% before aging (100°C X 48hours)
Jacket	
Min Bending Radius	50 mm
Installation Temperature	-10°C to +60°C
Jacket	
Type	PVC-Polyethylene
Overall Diameter	8.3 ± 0.3 mm