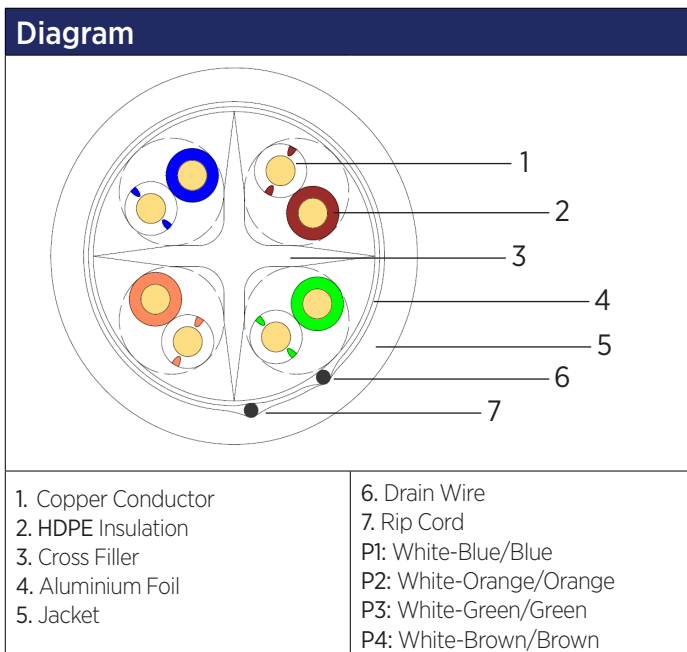
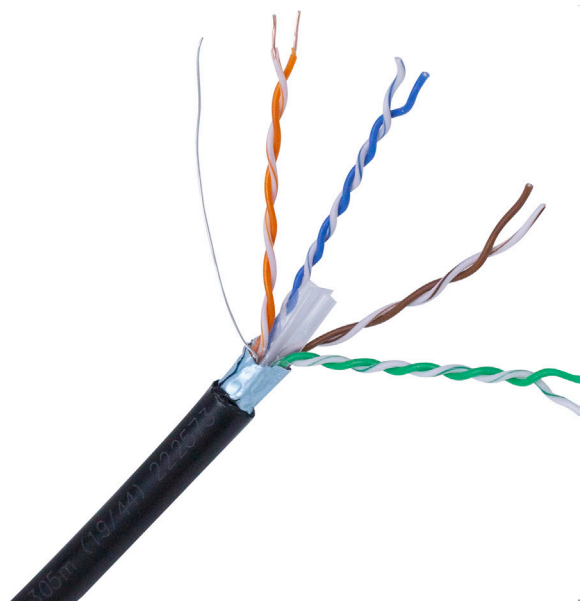


Copper Cabling Solutions

Category 6 Solid F/UTP External Cable



Cable Specification	
Conductor	Solid Bare Copper
Insulation	HDPE Ø 1.06 +/- 0.05 mm
Drain Wire	26 AWG TC
Shielding	Al-foil screened
Sheath	LDPE Black
Outer Diameter	7.2 +/-0.3 mm
Supplied in	305m Box

Mechanical Specifications		
Cable under the minimum tension		≤ 400N
Conductor Elongation		≤ 15%
Jacket Before Aging	Tensile Strength	> 5000 MΩ*Km
	Elongation	≤ 350%
Jacket After Aging	Tensile Strength	≤ 75% x Tensile Strength before Aging
	Elongation	≤ 75% x Elongation before Aging

Electrical Specifications				
DC Resistance 20°C	< 93.8 (Ω/km)			
DC Resistance Unbalance (%)	Max 2.5%			
Insulation Resistance	> 5000 MΩ*Km			
Transfer Impedance (mΩ/m)	1 MHz	10 MHz	30 MHz	100 MHz
	≤ 50	≤ 50	≤ 70	≤ 100

Ordering Information	
Product Description	Part Number
Cat 6 F/UTP External Cable 305m Box	001-003-005-37