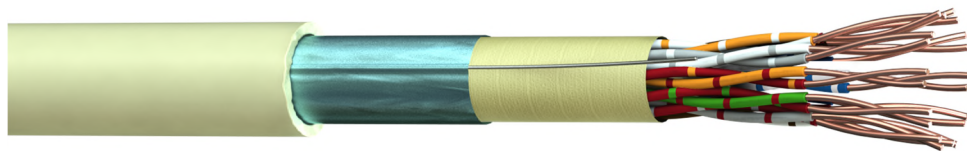


**Description:** Twisted pair telephone cable CW1600. This cable features a fire barrier tape, aluminium foil screen and Low Smoke Halogen Free sheath. Used for the internal wiring of buildings where the need to protect people and equipment from smoke and fumes is paramount.



### Construction

Conductor Material : Solid Bare Copper  
 Conductor Stranding : 1/0.5mm  
 Insulation Material : Polyethylene (PE)  
 Number of Pairs : See table  
 Overall Screen : Aluminium Foil with Tinned Copper Drain Wire  
 Sheath Material : Low Smoke Halogen Free (LSHF)  
 Sheath Colour : Cream  
 Core Identification : BT CW1600 (see attached)

### Electrical Characteristics

Conductor Resistance @ 20°C : 97.8 Ω/km, Earth 12.4 Ω/km  
 Mutual Capacitance : 80 nF/km  
 Capacitance Unbalanced : 500 pF/500m  
 Insulation Resistance : > 50 MΩ/km

### Physical Characteristics

Overall Diameter : See table  
 Temperature Rating : 0°C to +60°C  
 Min. Bend Radius : 8 x OD  
 Weight : See table

### Standards

Flame Retardant : BS EN 60332-1-2, BS EN 50226-2-4, BS EN 50266-2-5  
 Low Smoke Generation : BS EN 61034-2  
 Halogen Gas Emission : BS EN 50267-2-1  
 RoHS3 Compliant : Yes  
 CE Compliant : CPR (305/2011)  
 CPR Classification : Cca – s1b, d2, a2 (EN 50575:2014+A1:2016)

Part No.	No. of Pairs	Weight (kg/km)	OD (mm)
60004-C17	4	39	5.8
60006-C17	6	66	6.8
60010-C17	10	95	8.6
60020-C17	20	185	12.0
60040-C17	40	295	15.0
60050-C17	50	358	18.0
600100-C17	100	692	27.0