

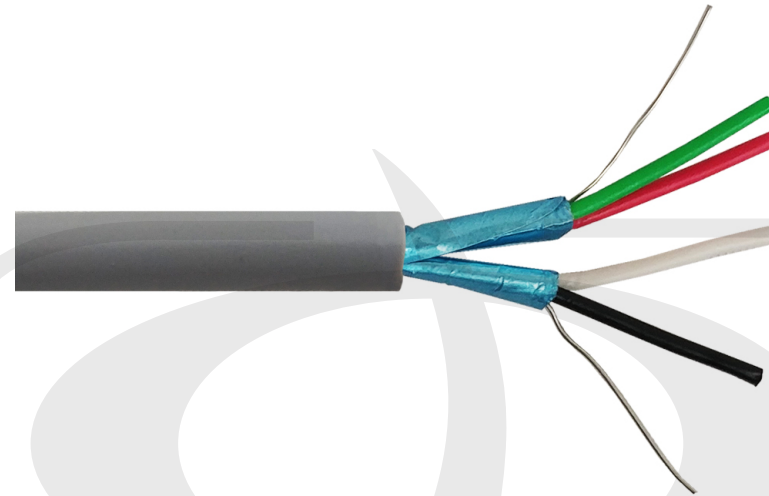
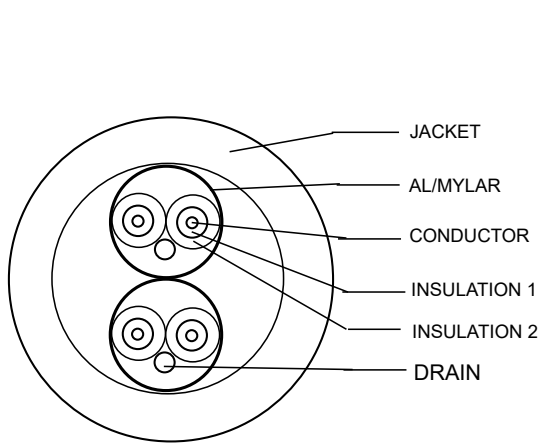


# 1000ft 2 Pair 24AWG Individually Shielded 100 Ohm T1 Cable - Grey

## BK-T1 - Specifications

### Description

This bulk T1 cable is 1000ft in length and consists of 2 pair of 24 gauge shielded wire. It is designed to be used specifically for T1 telecommunication applications.



### Physical Characteristics

Cable Length	1000ft [304m]
Color	Grey
Cable Diameter	6.70±0.30 mm
Number of Conductors Wire	2 Pairs
Gauge	24AWG - Solid
Conductor Material	100% Tinned Copper
Conductor Size	1/0.51±0.01mm
Insulation Nominal Thickness	Insulation 1: 0.16mm Insulation 2: 0.31mm
Insulation Material	Insulation 1: HD-PE Insulation 2: FM-PE
Insulation Outer Diameter	Insulation 1: 0.83±0.05 Insulation 2: 1.45±0.05
Jacket Material	PVC - Polyvinyl Chloride

Jacket Rating	CMR
Jacket Nominal Thickness	0.70mm
Drain Material	Tinned Copper
Drain Size	1/0.51±0.01mm
Impedance	100 Ohm
Temperature Rating	80 deg C

### Electrical Characteristics

Voltage	30V
Voltage Withstand	AC 500V/1min, NO Breakdown
Insulation Resistance	Min. 100M ohms/cable at 20 deg C
Conductor Resistance	at 20 deg C 24AWG: Solid < 91.16Ω/KM
Differential Impedance	100±10%ohms (Nominal)

### Mechanical Characteristics

Test on Jacket	Aged Temperature: 113°C Time: 168h
Tensile Strength	Unaged > 1500PSI Aged > 70% of the result w/ unaged
Elongation	Unaged > 100% Aged > 65% of the result w/ unaged
Flame Test	Horizontal Flame - Pass
Spark Test	100% Pass

### Approvals/Environmental

c(UL)	No
RoHS	Yes

### Packaging Information

Package Quantity	1
Product Weight	35.2 lbs

Printing: PHANTOM CABLES 2PR 24AWG SHIELDED T1 100 OHM CMR CABLE 80C 30V