

Switchboard 85 and Shielded Switchboard 85



Product Description

Switchboard Cables are designed for indoor use in central exchanges, the interconnection of distribution frames, and for switching and transmission equipment systems. Switchboard cables are available in both shielded and unshielded designs.

Applications

- T1/DS1
- T1C/DS1C

Features

- SSWBD: Aluminum foil shield
- SSWBD: Tinned copper drain wire
- Tinned copper conductors
- CMR listed
- Rip cord
- Band marked

Benefits

- EMI isolation
- Easier termination and superior grounding
- Minimize change in wire-wrap joint resistance
- Suitable for horizontal and riser installations
- Added ease of jacket removal
- Easy identification of conductor ring mates

Specifications

Conductor	Tinned copper
Insulation	PVC
Jacket	Gray PVC
Jacket Marking	Printed at 2 foot intervals; information includes product identification, pair count, UL information and sequential lengths in feet and meters
Shield	SSWBD: Aluminum/polyester SWBD: None
Performance Compliance	ASTM B33 - Tinned Copper UL 444 CSA C22.2 No. 214-08 UL 1666 RoHS-compliant
NRTL Programs	UL, c(UL) Listed CMR

Part Numbers and Physical Characteristics

Part Number	Product Code	Shield	Pair Count	AWG (mm)	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Standard Length ft (m)	Package
102-201-61	SSWBD	Aluminum foil	25	24 (0.5)	0.35 (8.9)	88 (131)	1,000 (305)	Reel
102-097-61	SSWBD	Aluminum foil	25	24 (0.5)	0.35 (8.9)	88 (131)	5,000 (1,524)	Reel
102-203-61	SSWBD	Aluminum foil	25	24 (0.5)	0.35 (8.9)	88 (131)	2,000 (610)	Reel
102-098-61	SSWBD	Aluminum foil	32	24 (0.5)	0.41 (10)	113 (168)	5,000 (1,524)	Reel
102-100-61	SSWBD	Aluminum foil	50	24 (0.5)	0.48 (12)	167 (249)	5,000 (1,524)	Reel
102-104-61	SSWBD	Aluminum foil	100	24 (0.5)	0.63 (16)	314 (467)	5,000 (1,524)	Reel
102-840-10	SWBD	-	6	24 (0.5)	0.18 (4.6)	22 (33)	1,000 (305)	Reel
102-810-10	SWBD	-	6	24 (0.5)	0.18 (4.6)	22 (33)	5,000 (1,524)	Reel
102-841-10	SWBD	-	12	24 (0.5)	0.24 (6.1)	41 (61)	1,000 (305)	Reel
102-811-10	SWBD	-	12	24 (0.5)	0.24 (6.1)	41 (61)	5,000 (1,524)	Reel
102-431-10	SWBD	-	25	24 (0.5)	0.31 (7.9)	79 (118)	1,000 (305)	Reel
102-815-10	SWBD	-	25	24 (0.5)	0.31 (7.9)	79 (118)	5,000 (1,524)	Reel
102-832-10	SWBD	-	32	24 (0.5)	0.36 (9.1)	100 (149)	5,000 (1,524)	Reel
102-813-10	SWBD	-	50	24 (0.5)	0.45 (11)	157 (234)	5,000 (1,524)	Reel
102-820-10	SWBD	-	100	24 (0.5)	0.60 (15)	302 (449)	5,000 (1,524)	Reel

Electrical Specifications

Product	Conductor DC Resistance @ 68°F (20°C) Maximum Individual Ohms/kft (Ohms/km)	Mutual Capacitance Nominal pF/ft (pF/m)	Characteristic Impedance @ 1 MHz Ohms	Attenuation Nominal @ 0.772 MHz @ 68°F (20°C) dB/kft (dB/km)
SSWBD	28.6 (93.8)	20 (66)	85 ± 15	11 (36)
SWBD	28.6 (93.8)	20 (66)	85 ± 15	11 (36)