



TECHNICAL SPECIFICATIONS

24 Gauge FTP Switchboard Cables

Construction:

Conductor: 24 AWG solid tinned copper (.0196" nom.)
 Insulation: Lead-free, Semi-rigid PVC, .032" nominal diameter
 Pairing: 2 twists per foot (min.)
 Color code: Standard Telephony, bandmarked
 Shielding: Aluminum/polyester foil
 Drain wire: 24 AWG solid tinned copper
 Rip cord: Applied under jacket
 Jacket: Gray Lead-free, flame retardant PVC

Compliances:

UL Subject 444/CSA C22.2 No. 214
 (UL)-C(UL) Type CMR/CMG
 NEC 800 Type CMR

Common Applications:

Cable assemblies.
 Central office wiring for POTS, T1 Fractional, and ISDN basic rate.

Thermal Characteristics:

Transport and Storage: -20°C to 60°C
 Installation: 4°C to 50°C
 Operation: -20°C to 60°C

Electrical Characteristics:

Conductor DC Resistance @ 20°C (Max): 28.6 Ω/1000 ft (9.38 Ω/100 m)
 DC Resistance Unbalance (Max): 5%
 Mutual Capacitance @ 20°C (Max): 28 pF/ft (9.2nF/100 m) @ 1 kHz
 Operating Voltage (Max): 300 VDC
 Characteristic Impedance: 85 ± 15Ω
 Attenuation (nom): 1.3 dB/100m @ .032 MHz
 2.7 dB/100m @ .772 MHz
 3.2 dB/100m @ 1.0 MHz

Ordering Information:

CATALOG NUMBER	# OF PAIRS	UNIT MAKEUP	DIAMETER		WEIGHT	
			INCHES	MM	LBS/KFT	KG/KM
T0224HA-GYXX	2	NONE	0.13	3.3	13	19
T0324HA-GYXX	3	NONE	0.16	4.1	16	24
T0424HA-GYXX	4	NONE	0.19	4.8	22	33
T0624HA-GYXX	6	NONE	0.21	5.3	60	89
T0824HA-GYXX	8	NONE	0.22	5.6	35	52
T1224HA-GYXX	12	NONE	0.24	6.1	52	77
T1624HA-GYXX	16	NONE	0.30	7.6	68	101
T1824HA-GYXX	18	NONE	0.31	7.9	74	110
T2524HA-GYXX	25	NONE	0.36	9.1	101	150
T2824HA-GYXX	28	NONE	0.37	9.4	115	171
T3224HA-GYXX	32	1 @ 25, 1 @ 7	0.39	9.9	130	193
T3224HASGYXX	32	2 @ 16	0.39	9.9	130	193
T5024HA-GYXX	50	2 @ 12, 2 @ 13	0.48	12.2	195	290
T7524HA-GYXX	75	3 @ 25	0.58	14.7	275	409
T0024HA-GYXX	100	4 @ 25	0.67	17.0	372	554
TC524HA-GYXX	150	6 @ 25	0.77	19.6	554	824
TCC24HA-GYXX	200	8 @ 25	0.95	24.1	774	1152

Dimensions and weights are calculated nominals and do not imply any minimum or maximum tolerance.
 Packaging is provided on non-returnable reels. Replace "XX" in the part number for the following footages: 02=1,000', 04=2,000', 05=2,500', 06=3,000', 10=5,000', 12=6,000', 20=10,000'