



TECHNICAL SPECIFICATIONS

24 Gauge UTP 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
 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
 UL Standard 1666 Flame Test

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): 21 pF/ft (6.6nF/100 m) @ 1 kHz
 Operating Voltage (Max): 300 VDC
 Characteristic Impedance: 100 +/- 20Ω
 Attenuation (nom): 0.8 dB/100m @ 32 KHz
 2.3 dB/100m @ 0.772 MHz
 2.8 dB/100m @ 1.0 MHz

Ordering Information:

CATALOG NUMBER	# OF PAIRS	UNIT MAKEUP	DIAMETER		WEIGHT	
			INCHES	MM	LBS/KFT	KG/KM
T0224H0-GYXX	2	NONE	0.13	3.3	11	16
T0324H0-GYXX	3	NONE	0.14	3.6	14	21
T0424H0-GYXX	4	NONE	0.16	4.1	18	27
T0624H0-GYXX	6	NONE	0.18	4.6	24	36
T0824H0-GYXX	8	NONE	0.36	9.4	52	77
T1024H0-GYXX	10	NONE	0.22	5.6	35	52
T1224H0-GYXX	12	NONE	0.23	5.8	46	68
T1624H0-GYXX	16	NONE	0.26	6.6	58	86
T2024H0-GYXX	20	NONE	0.29	7.4	65	97
T2524H0-GYXX	25	NONE	0.32	8.1	92	137
T3224H0-GYXX	32	1 @ 25, 1 @ 7	0.36	9.1	114	170
T3224H0SGYXX	32	2 @ 16	0.36	9.1	114	170
T3624H0-GYXX	36	1 @ 25, 1 @ 11	0.38	9.7	122	182
T5024H0-GYXX	50	2 @ 12, 2 @ 13	0.45	11.4	176	262
T7524H0-GYXX	75	3 @ 25	0.55	14.0	254	378
T0024H0-GYXX	100	4 @ 25	0.62	15.7	326	485
TC224H0-GYXX	125	5 @ 25	0.70	17.8	436	649
TC424H0TGXX	144	12 @ 12	0.74	18.8	520	774
TC524H0-GYXX	150	6 @ 25	0.75	19.1	544	809
TC724H0-GYXX	175	7 @ 25	0.82	20.8	635	945
TCC24H0-GYXX	200	8 @ 25	0.91	23.1	762	1134

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'