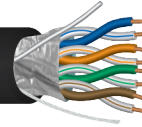


PART NUMBER 555630-110

ETL LISTED TYPE CMP, C(ETL)CMP, CATEGORY 5E CABLE

PAGE 1

■ 0275/0725 FT ● A B C D E 0 1 2 3 4 5 6 7 8 9 FTP 4/24 C (ETL) US CMP CAT 5E 9700851 TIA-568B-C.2 WINDY CITY WIRE MADE IN USA



SMARTWIRE
GLIDE
TECHNOLOGY

CABLE SPECIFICATIONS

DESCRIPTION	24 AWG CATEGORY 5E SHIELDED TWISTED PAIR (FTP)
CONDUCTOR	24 AWG SOLID BARE COPPER
INSULATION	FEP
COLOR CODE	PAIR 1: WHITE-BLUE/BLUE, PAIR 2: WHITE-ORANGE/ORANGE, PAIR 3: WHITE-GREEN/GREEN, PAIR 4: WHITE-BROWN/BROWN
JACKET	PLENUM RATED PVC
JACKET COLOR	BLACK JACKET
MARKING	A B C D E 0 1 2 3 4 5 6 7 8 9 FTP 4/24 C (ETL) US CMP CAT 5E 9700851 TIA/EIA 568B-C.2 WINDY CITY WIRE MADE IN USA
OVERALL DIAMETER	.235" NOM.
CONDUCTOR WEIGHT	25 LBS/MFT.
CAPACITANCE	5.6 NF/100M MAX/5% MAX
IMPEDANCE	100 OHMS +- 15%
DC RESISTANCE	28.6 OHMS/KFT/ 5% MAX
TEMPERATURE RATING	- 20 C TO 60 C / 300 VOLT
VOLTAGE RATING	300 VOLTS

INDUSTRY STANDARDS

AGENCIES APPROVALS ETL LISTED TYPE CMP, C(ETL)CMP



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4 TWISTED PAIR CABLE

PLENUM: ETL TYPE CMP, C(ETL) CMP

4 TWISTED PAIR CABLE

JACKET

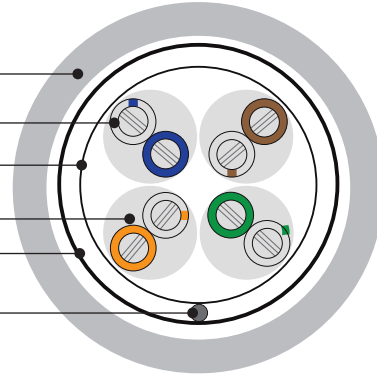
INSULATION

TAPE

CONDUCTOR

SHIELD

DRAIN WIRE



TWISTED PAIR SHIELDED CABLE

- PAIR 1** BLUE/WHITE WITH CO-EXTRUDED BLUE STRIPE ON WHITE
- PAIR 2** ORANGE/WHITE WITH CO-EXTRUDED ORANGE STRIPE ON WHITE
- PAIR 3** GREEN/WHITE WITH CO-EXTRUDED GREEN STRIPE ON WHITE
- PAIR 4** BROWN/WHITE WITH CO-EXTRUDED BROWN STRIPE ON WHITE

MECHANICAL SPECIFICATION

NOMINAL JACKET OD	0.235"
NOMINAL JACKET THICKNESS	0.018"
INSTALLATION TEMPERATURE	0 C TO 60 C
OPERATION TEMPERATURE	-20C TO 60 C

PERFORMANCE CHARACTERISTICS

FREQ MHZ.	IL		NEXT		PSNEXT		ACRF		PSACRF		RL		ACR	
	STD	TYP	STD	TYP	STD	TYP	STD	TYP	STD	TYP	STD	TYP	STD	TYP
1	2.0	1.8	65.3	80.8	62.3	78.8	63.8	80.7	60.8	77.1	20.0	31.1	63.3	79.0
4	4.1	3.4	56.3	70.7	53.3	69.2	51.8	69.5	48.8	65.8	23.0	26.2	52.2	67.3
8	5.8	4.8	51.8	65.8	48.8	64.5	45.7	63.5	42.7	59.6	24.5	27.5	46.0	61.0
10	6.5	5.4	50.3	64.4	47.3	62.9	43.8	61.5	40.8	57.5	25.0	29.5	43.8	58.9
16	8.2	6.9	47.2	60.6	44.2	59.3	39.7	57.5	36.7	52.4	25.0	28.2	39.0	53.7
20	9.3	7.7	45.8	58.0	42.8	56.6	37.8	56.1	34.8	48.9	25.0	29.5	36.5	50.3
25	10.4	8.7	44.3	57.2	41.3	55.9	35.8	54.7	32.8	47.3	24.3	29.5	33.9	48.5
31.25	11.7	9.7	42.9	55.9	39.9	54.4	33.9	52.9	30.9	44.7	23.6	30.0	31.2	46.2
62.5	17.0	13.8	38.4	52.1	35.4	50.5	27.9	46.6	24.9	36.7	21.5	28.3	21.4	38.3
100	22.0	17.5	35.3	49.7	32.3	48.91	23.8	41.9	20.8	30.6	20.1	26.0	13.3	32.1
155	-	22.0	-	46.9	-	45.3	-	39.3	-	23.3	-	22.7	-	24.9
200	-	25.1	-	44.1	-	42.4	-	36.7	-	17.3	-	21.0	-	18.9
250	-	28.2	-	42.3	-	40.8	-	34.8	-	12.6	-	19.7	-	14.1
300	-	31.0	-	42.2	-	40.5	-	33.3	-	9.5	-	18.2	-	11.2
350	-	33.6	-	37.9	-	36.9	-	32.8	-	3.3	-	17.4	-	4.3

MECHANICAL SPECIFICATION

INPUT IMPEDANCE	100 OHMS ± 15%
MUTUAL CAPACITANCE	5.6 NF/100M @ 1KHZ
DC RESISTANCE/UNBALANCE	28.6 OHMS/1000' MAX/5% MAX
DIELECTRIC BREAKDOWN	2500 VOLTS DC CONDUCTOR TO CONDUCTOR
PROPAGATION DELAY SKEW	< 45NS/100M
NOMINAL VELOCITY OF PROPAGATION, NVP	73%



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