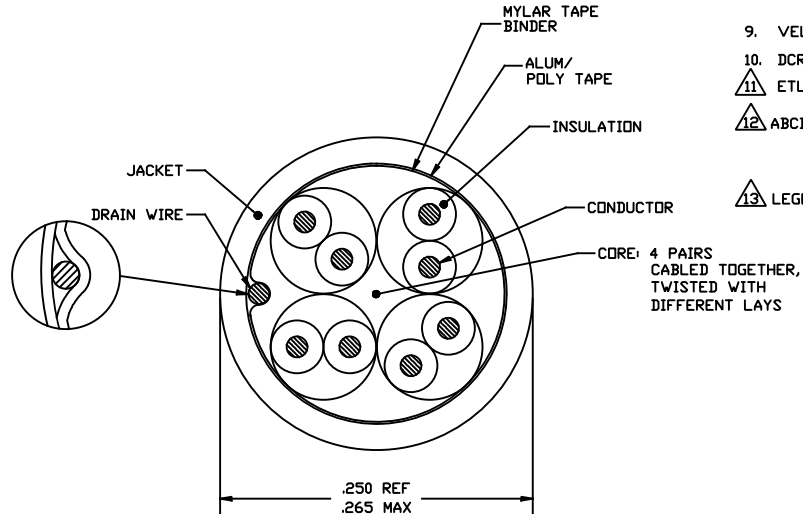


CATEGORY 5E PERFORMANCE CHARACTERISTICS											
FREQUENCY MHz	SRL	RETURN LOSS (dB) MIN.	INPUT IMPEDANCE	INSERTION LOSS	NEXT (dB) MIN.	POWER SUM NEXT (dB) MIN.	ELFEXT (dB/100m) MIN.	PSSELFEXT (dB/100m) MIN.	ACR (dB) MIN.	PSACR (dB) MIN.	DELAY SKEW 1000 FT
0.772	25	NA	100±15%	1.8	67	64.0	66	63	65	62	45ns
1.00	25	20.0	100±15%	2.0	65	62.0	64	61	63	60	45ns
4.00	25	23.0	100±15%	4.1	56	53.0	52	49	52	49	45ns
8.00	25	24.5	100±15%	5.8	52	49.0	46	43	46	43	45ns
10.00	25	25.0	100±15%	6.5	50	47.0	44	41	44	41	45ns
16.00	25	25.0	100±15%	8.2	47	44.0	40	37	39	36	45ns
20.00	25	25.0	100±15%	9.3	46	43.0	38	35	37	34	45ns
25.00	24.3	24.3	100±15%	10.4	44	41.0	36	33	34	31	45ns
31.25	23.6	23.6	100±15%	11.7	43	40.0	34	31	31	28	45ns
62.50	21.5	21.5	100±15%	17.0	38	35.0	28	25	21	18	45ns
100.00	20.1	20.1	100±15%	22.0	35	32.0	24	21	13	10	45ns

1AW TIA/EIA 568, LATEST ISSUE, FOR ENGINEERING PURPOSES ONLY, ALL MEASUREMENTS ARE SWEEPED OVER THE FREQUENCY RANGE OF INTEREST.

FINISHED CABLE DATA		
CONDUCTORS	WIRE AWG	24 AWG SOLID
	OVERALL DIAMETER NOM.	.021 INCHES
	MATERIAL	COPPER
	PLATING	NONE
	ELONGATION	15%
DRAIN WIRE	WIRE AWG	24 AWG STRANDED 7/32
	MATERIAL	COPPER
	PLATING	TINNED
	ELONGATION	15%
INSULATION	MATERIAL	POLYETHYLENE
	NOMINAL WALL	.010 INCHES NOM.
	OVERALL DIAMETER MAX.	.040 NOM.
JACKET	MATERIAL	PVC
	NOMINAL WALL	.030 NOM. .022 MIN POINT



- 1. SEQUENTIAL FOOTAGE MARKING EVERY 2 FEET MAXIMUM. SEQUENTIAL FOOTAGE IS RETURNED TO ZERO FOR EACH LENGTH. SEQUENTIAL FOOTAGE ACCURACY TO BE ± 1%.
- 2. MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO TIA/EIA 568-B.2.
- 3. INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN, BROWN, AND WHITE.
- 4. JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR AMP SUPPLIED COLOR STANDARD.
- 5. PRINT COLOR SHALL BE BLACK.
- 6. PRINT DURABILITY SHALL BE PER UL 444 SECTIONS 31.1 THRU 31.5.
- 7. PACKAGE IN ACCORDANCE WITH TE SPECIFICATIONS 107-24.
- 8. GOVERNING SPECIFICATIONS - LATEST REVISIONS
TIA/EIA 568-B.2 CATEGORY 5e
UL 62 SECTION 59 OIL RESISTANCE
UL 444 - CMR
UL 444 SECTION 6.12 UV EXPOSURE
- 9. VELOCITY OF PROPAGATION: 71% NOMINAL
- 10. DCR UNBALANCE OF A PAIR: 5% MAXIMUM
- 11. ETL CONTROL NUMBER.
- 12. ABCD IS DATE CODE - AB YEAR
CD WEEK
EXAMPLE 9513 (PER 102-60)
- 13. LEGEND MAY VARY PER REGULATORY REQUIREMENTS.

LEGEND TO BE REPEATED EVERY 24'

COMMSCOPE ETHER SEAL HIGH NOISE CAT 5e INDUSTRIAL CABLE 4 STP 24 AWG 75c SUN RES OIL RES II CMR c(ETL)us XXXXXXXX [SEQUENTIAL #] FT ABCD

- 5
- 6
- 13
- 11
- 1
- 12

GRAY	500-899	WOODEN REEL	3-1499449-1
GRAY	1000±10%	WOODEN REEL	1499449-3
△ COLOR	LENGTH	△ PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DATE	10/20/03	REV	1
BY	DL	CHKD	DL
APP'D		DATE	10/20/03
DESCRIPTION	CABLE, NETCONNECT ETHER SEAL, CAT 5e, HIGH NOISE, 4 FTP, 24 AWG, CMR		
APPROVAL SPEC	SEE	DATE	10/20/03
REVISED	A1	DATE	10/20/03
CUSTOMER DRAWING	SCALE	SHEET	1 OF 1

COMMSCOPE, INC.