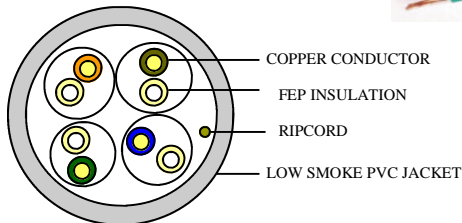




ATS-424CMP-5E-*

Category 5E Plenum Cable (350 MHz)



CHARACTERISTICS		APPLICATIONS
Rated Temperature	75°C	IEEE 802.3: 1000 BASE-T (Gigabit Ethernet)
Capacitance	330 pF/km Max	100 BASE-TX, 10 BASE-T
DC Resistance/Unbalance	93.8 Ohms/km 5% Max	155 Mp/s, 622 Mp/s ATM
Dielectric Breakdown	2500 /volts DC Conductor to Conductor	ANSI X3.263: 100 Mb/s
Delay Skew (1.0-100.0 Mhz)	45ns/ 100 meters	4/16 Mb/s TOKEN RING
		Broadband and Baseband Analog Video
		PACKAGING
		1000 FT Easy Pull Box
CHARACTERISTICS IMPEDANCE		CONSTRUCTION
1.0 to 100 MHz	100 Ohms ± 15%	4 Twisted Pair Cable
100 to 250 Mhz	100 Ohms ± 22%	Pair Insulation: FEP
250 to 350 Mhz	100 Ohms ± 32%	
PAIR IDENTIFICATION		24 Awg Solid Copper
Pair 1	Blue, Blue/White	Ripcord
Pair 2	Orange, Orange/White	APPROVALS
Pair 3	Green, Green/White	UL 444, ISO 9001
Pair 4	Brown, Brown/White	UL, CUL, CSA, ETL
JACKETS		RoHS
Outer Jacket	Low Smoke PVC .55mm Thickness	UL Listed CM, CMR, CMP
Jacket Colors	Blue, White, Yellow, Gray	ANS/TIA/EIA 568B.2
		NEC/CEC: CMP

ELECTRICAL PERFORMANCE									
Frequency (MHz)	Attenuation (dB/100m)	Pair to Pair			Loss Return (dB/100m)	ACR (dB/100m)	Power Sum		
		NEXT (dB/1100m)	ELFEXT 9dB/100m)				NEXT (dB/100m)	ELFEXT (dB/100m)	ACR (dB/100m)
		Max	Min	Min			Min	Min	Min
0.77	1.8	67.0	66.0	19.4	65.0	64.0	63.0	-	
1	2.0	65.3	63.8	20.0	63.0	62.3	60.8	64.3	
4	4.1	56.3	51.7	23.0	52.0	53.3	48.7	53.2	
8	5.8	51.8	45.7	24.5	46.0	48.8	42.7	47.0	
10	6.5	50.3	43.8	25.0	44.0	47.3	40.8	44.8	
16	8.2	47.3	39.7	25.0	39.0	44.3	36.7	40.1	
20	9.3	45.8	37.7	25.0	37.0	42.8	34.7	37.5	
25	10.4	44.3	35.8	24.3	34.0	41.3	32.8	34.9	
31.25	11.7	42.9	33.9	23.6	31.0	39.9	30.9	32.2	
62.5	17.0	38.4	27.8	21.5	21.0	35.4	24.8	22.4	
100	22.0	35.3	23.8	20.1	13.0	32.3	20.8	14.3	
300	41.0	32.1	14.2	16.3	-	29.2	11.2	-	
350	43.0	32.1	16.0	16.3	10.4	30.1	13.0	-	