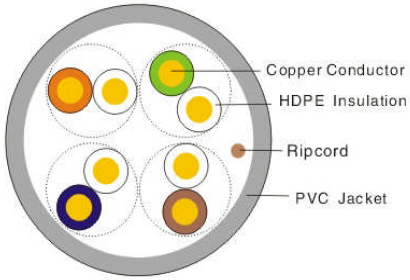
ATS-424CMR-3-*

4 Pr 24 Awg Category 3 CMR



CHARACTERISTICS

Installation Temperature	0˚C to 60˚C	
Operation Temperature	-20˚C to 60˚C	
Capacitance	20pF/ft nominal	
DC Resistance/Unbalance	30.5 Ohms/1000' Max/5% Max	
Dielectric Breakdown	2500 Volts DC Conductor to Conductor	
Attenuation	≤2.30*v freq + 0.238* freq	0.772≤ freq ≤ 16
Structural Return Loss	≥ 12	1≤ freq ≤ 10
	≥ 12—10 log (freq/10)	10≤ freq ≤ 16
Near end Cross Talk	≥ 43—15 log freq/0.772)	0.772≤ freq ≤ 16

CONSTRUCTION
4 Twisted Pair Cable
Pair Insulation: PE
24 Awg Solid Copper
Ripcord
Outer Jacket: OD 4.50 mm
.46 mm Thickness
Jacket Colors: Gray, White

PACKAGING
1000 FT
Easy Pull Box

PAIR IDENTIFICATION
Pair 1 = Blue, Blue/White
Pair 2 = Orange, Orange/White
Pair 3 = Green, Green/White
Pair 4 = Brown, Brown/White

APPROVALS
ISO 9001
UL, cUL, CSA
ETL
UL Listed CM, CMR
ANS/TIA/EIA 568B.2
NEC/CEC: CMR

ELECTRICAL PERFORMANCE			
Frequency (MHz)	Attenuation (dB/100 m)	Near End Cross Talk (dB)	Structural Return Loss (dB)
	EIA/TIA 568B.2	EIA/TIA 568B.2	
0.772	2.2	43	NA
1	2.6	41	12
4	5.6	32	12
8	8.5	27	12
10	9.7	26	12
16	13.1	23	10