

# RP7500097

Communication Cable 24-8 AWG Plenum-Rated



## Reliable plenum-rated cable for critical communications.

- Designed for critical communication systems.
- Bare copper construction supports reliable signal transmission.
- 4-pair cable supports voice and data communication.
- Designed for low-voltage life safety applications.
- Suitable for structured communication system installations.



## Specifications

<b>Length</b>	1,000 ft
<b>Weight</b>	20 lbs
<b>Nominal Diameter</b>	0.180"
<b>Temperature</b>	Installation: 32 - 140°F (0 - 60°C) Operational: -4 - 167°F (-20 - 75°C)
<b>Conductor</b>	24-8 AWG Solid Bare Copper Per ASTM B-3
<b>Cabling</b>	4 Pairs Cabled Together
<b>Insulation</b>	Fluoropolymer & Polyolefin
<b>Jacket</b>	White Plenum PVC, Low Smoke, Flame-Retardant PVC
<b>Volts</b>	300 V
<b>Compliance</b>	ETL Verified ANSI/TIA-568.2-D UL Subject 444 Communications Cables UL Listed c(UL)us Type CMP NFPA 262 (UL 910) Plenum Flame Test NEC Article 800 ICEA S-90-661 California State Fire Marshal RoHS compliant

# AVIRE

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## Transmission Throughout

Char. Impedance Frequency (MHz)	Char. Impedance (Ohms) (+/-15)	Char. Impedance (Ohms) (+/-15)	Char. Impedance (Ohms) (+/-15)	Char. Impedance (Ohms) (+/-15)	PSNEXT dB /100m (Min.)	ACRF dB /100m (Min.)	PSACRF dB /100m (Min.)
1	100	20	2	65.3	62.3	63.8	60.8
4	100	23	4.1	56.3	51.7	51.7	48.7
8	100	24.5	5.8	51.8	45.7	45.7	42.7
10	100	25	6.5	50.3	43.8	43.8	40.8
16	100	25	8.2	47.3	39.7	39.7	36.7
20	100	25	9.3	45.8	37.7	37.7	34.7
25	100	24.3	10.4	44.3	35.8	35.8	32.8
31.25	100	23.6	11.7	42.9	33.9	33.9	30.9
62.5	100	21.5	17	38.4	27.8	27.8	24.8
100	100	20.1	22	35.3	23.8	23.8	20.8
150	100	18	32.4	30.8	20	20	14.7
200	100	16.3	44.8	27.5	17	17	9.9