



Shown with metal tabs

155-[*]-[**]-[***] Category-5

*Type of shield; Options are:

- S** = Shielded without tabs
- ST** = Shielded with tabs
- P3** = Shielded with conductive gasket
- Blank** = Unshielded

A = Alternate ground tab option available only for single port connectors (Add A after type of shield e.g. 155-STA-8-8)

**Number of contacts; Options are:

- 8** = 8 positions, 8 contacts

***Number of ports; Options are:

- 1** = 1 Port **6** = 6 Port
- 2** = 2 Port **8** = 8 Port
- 4** = 4 Port

FEATURES:

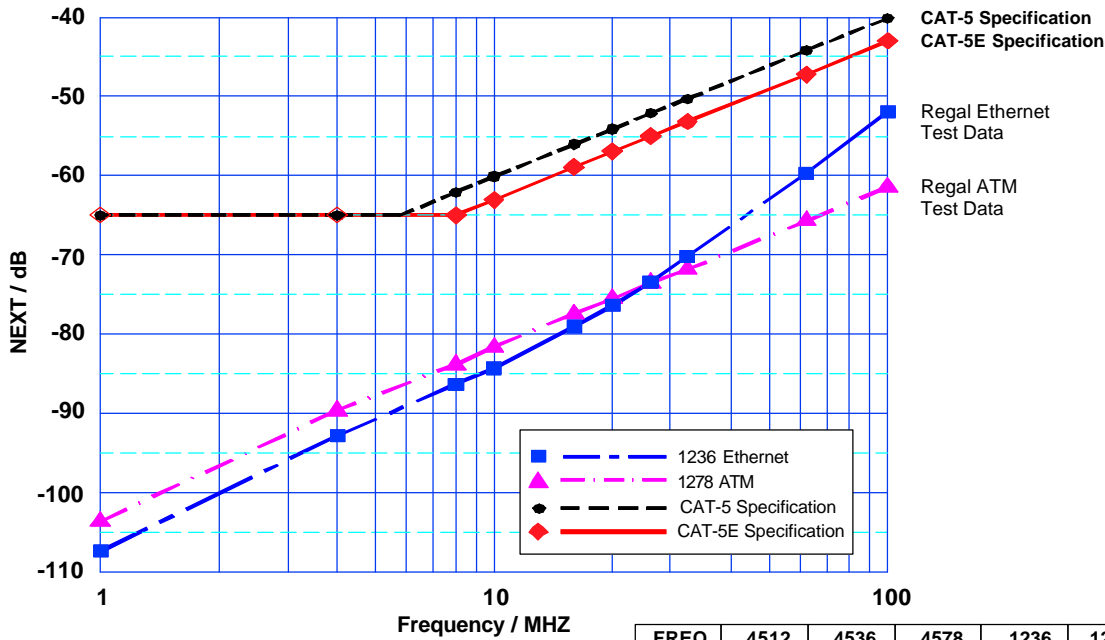
- Designed for the latest ethernet and ATM applications
- Gigabit ethernet ready
- Ethernet crosstalk offers up to 10 dB better than CAT-5 specifications
- ATM Crosstalk offers up to 20 dB better than CAT-5 specifications
- Optional conductive gasket available - for EMC applications
- Fits existing CAT-3 & CAT-5 designs with standard footprint

ELECTRICAL:

- Insulation resistance: 500 Megohms minimum
- Dielectric withstand voltage: 1000V RMS
- Contact resistance: 30 milliohms maximum
- Durability: 1000 mating cycles
- Operating temperature: -20°C to +85°C

MATERIAL:

- Housing: UL94V-0 / PBT glass filled
- Shield: Tin plated copper alloy
- Contacts: Phosphor bronze 50µ" gold over nickel
- Plating: 50µ" gold over nickel



Test data on Regal 155 series connectors
NEAR-END CROSSTALK (NEXT)

| FREQ (MHZ) | 4512 (dB) | 4536 (dB) | 4578 (dB) | 1236 (dB) | 1278 (dB) | 3678 (dB) | Cat 5 Limit | Cat 5E Limit |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|--------------|
| 1 | -81.7 | -97.2 | -82.8 | -107.4 | -103.6 | -83.5 | -65.0 | -65.0 |
| 4 | -69.8 | -90.8 | -70.8 | -92.8 | -89.6 | -71.6 | -65.0 | -65.0 |
| 8 | -63.8 | -86.2 | -64.9 | -86.3 | -83.8 | -65.7 | -62.0 | -64.9 |
| 10 | -61.9 | -84.5 | -63.0 | -84.3 | -81.6 | -63.8 | -60.1 | -63.0 |
| 16 | -57.9 | -78.4 | -58.9 | -79.0 | -77.4 | -59.7 | -56.0 | -58.9 |
| 20 | -55.9 | -74.9 | -57.0 | -76.4 | -75.5 | -57.8 | -54.1 | -57.0 |
| 25 | -54.0 | -71.3 | -55.1 | -73.4 | -73.5 | -55.8 | -52.1 | -55.0 |
| 31 | -52.2 | -67.6 | -53.3 | -70.2 | -71.8 | -54.0 | -50.3 | -53.2 |
| 62 | -46.2 | -55.6 | -47.3 | -59.7 | -65.7 | -47.8 | -44.2 | -47.2 |
| 100 | -42.1 | -47.4 | -43.4 | -51.9 | -61.4 | 43.2 | -40.1 | -43.0 |