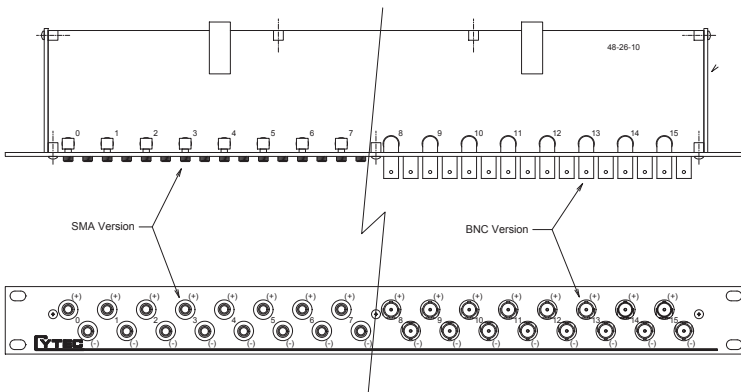




Densi-shield Patch Panels

Densi-shield Patch Panels allow you to convert many common coax connections to a mass interconnect cable and then convert it back to coax at the other end of the cable. This system can greatly simplify differential signal routing while maintaining the signal integrity over distances of up to 10 meters. The Densi-shield cables are smaller, lighter and more cost effective than bundles of coax and out perform twinax and triax cables. The system greatly improves MTTR and allows simple transitions between different coax connector types.

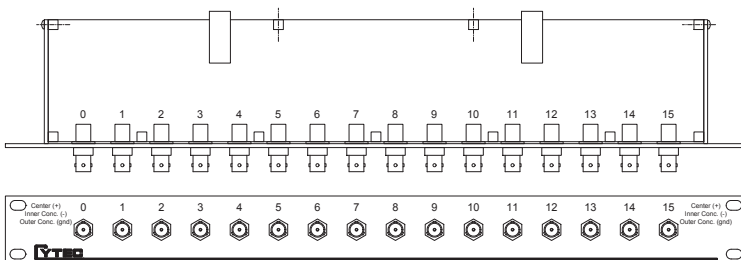


16 Channel (pair) SMA or BNC to Densi-shield patch panel

Converts 16 differential pairs of SMA's or BNC's to two 8 pair Densi-shield connectors. Signal rates to 2 Gbps NRZ for SMA and 1 Gbps NRZ for BNC. Matched path lengths. 100 ohm impedance pairs. Custom labeling available.

P/N PP/16-DS-SMA or -BNC

Price \$500.00

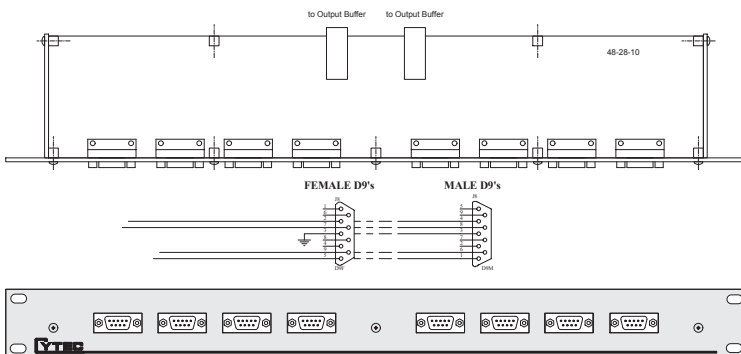


16 Channel Triax to Densi-shield patch panel

Converts 16 differential pairs to two 8 pair Densi-shield connectors. Signal rates to 800 Mbps NRZ. Matched path lengths. 100 ohm impedance pairs. Custom labeling available.

P/N PP/16-DS-TRX

Price \$1425.00



16 Channel (pairs) D9 to Densi-shield patch panel with two pairs per D9

Converts 16 differential pairs on Male (pin) or Female (socket) D9 connectors to two 8 pair Densi-shield connectors. Signal rates to 400 Mbps NRZ. Matched path lengths. 100 ohm impedance pairs. Custom labeling available.

P/N PP/16-DS-D9F (Female D9)

P/N PP/16-DS-D9M (Male D9)

Price \$590.00

• Contact Cytec at 1-800-346-3117 or sales@cytec-ate.com

Densi-Shield Cables

Densi-Shield cables allow the transmission of high speed differential pairs over distance with low skew and jitter at a lower price and in a smaller size. The rugged cables transmit eight differential pairs over a single cable less than 8 mm (0.32") in diameter with specs that easily beat Triax or Twinax cables. Connectors have a screw lock mechanism for retention and are keyed to prevent incorrect insertion.

Benefits:

- Smaller Size -- 8 pairs in a 0.32" diameter cable
- Lower Cost -- 2 Meter 8 pair cable for \$200.00
- Lower Weight --
- Faster MTTR -- connect/disconnect 8 pairs at once.
- Faster Installs and tear downs with less tools.
- Outperforms twinax or Triax cables by a wide margin.
- Available in Lengths up to 10 Meters.
- All pairs automatically length matched for low skew.
- Max Data rates: 2 Gbps for 10 Meters
 2.5 Gbps for 5 meters
 5 Gbps for 3 Meters
 10 Gbps for 1 Meter



Performance:

Insertion Loss	< 1 dB/M @ 1GHz	2.5 dB/M @ 3GHz	5 dB/M @ 5 GHz
Return Loss	< -16 dB @ 1 GHz	< -11 dB @ 3 GHz	< -10 dB @ 5 GHz
Typical Skew between worst pairs	< 150 ps		
Jitter, 1 meter cable running 10 Gbps	< 25 ps		

Meets all Infiniband specifications.

Clean up your racks! Replace 256 RG58 cables or 128 Triax cables with 16 Densi-shield cables and improve performance while drastically reducing repair times.

Pricing:

1 Meter Densi-shield Cable	\$120.00	Call or e-mail for current lead time
2 Meter Densi-shield Cable	\$150.00	
5 Meter Densi-shield Cable	\$300.00	
10 Meter Densi-shield Cable	\$400.00	



• Contact Cytec at 1-800-346-3117 or sales@cytec-ate.com