

A close-up photograph of a 25 Gbps TurboTwin cable. The cable has a black outer jacket that is partially removed, revealing a braided shield. Inside the shield, there are four pairs of yellow insulated conductors. The cable is shown against a light gray background.

25 GBPS TURBOTWIN CABLE

TE Connectivity's (TE) 25 Gbps TurboTwin cable enables high quality, high speed custom cable assemblies. It is manufactured to the same high standards as our high speed cable assemblies, and has industry leading signal integrity quality and consistency. Our 25 Gbps TurboTwin cable has superior flexibility compared to traditional twin axial cable designs, and is UL and CSA approved. PVC jacketed, low smoke zero halogen and discrete cable designs are also available.

Features

- Industry leading signal integrity quality and consistency
- Extensive product availability
- Global capacity
- Manufactured to the same high standards as our cable assemblies
- Superior cable flexibility

Benefits

- Enables high quality, high speed custom cable assemblies
- TE has the ability to service customers on a global scale with a high quality product and short lead times
- TE is experienced in building high speed cable assemblies
- UL and CSA approved
- Superior flexibility makes routing the cable through the system easier

Applications

- Servers
- Switches
- Routers
- Storage units

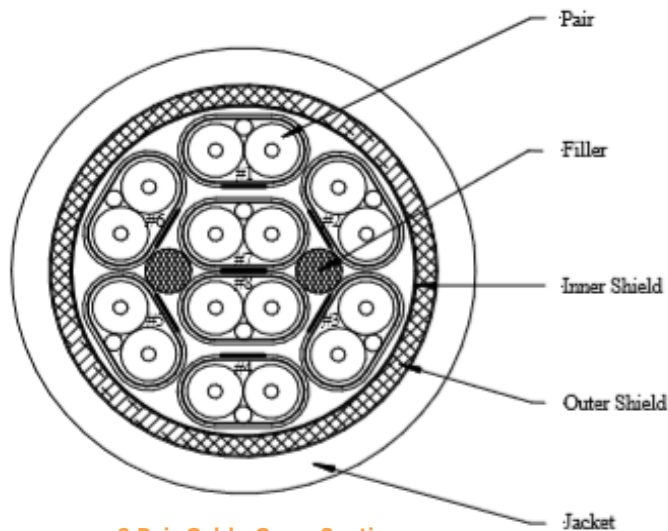
25 Gbps TurboTwin Cable

Cable Configurations

- High speed 28G NRZ and 56G PAM-4 cable for cable assemblies
- 8 pair - Can be used for OSFP, QSFP-DD and QSFP cable assemblies
- 4 pair - Can be used for SFP-DD and breakout versions of OSFP, QSFP-DD and QSFP cable assemblies
- 2 pair - Can be used for SFP cable assemblies
- Discrete pair or custom variants available upon request

Product Features

- 32 to 26AWG
- 1 to 36+ pair - 1x, 2x, 4x, 8x, 12x
- 85 to 150 Ohm impedance
- 25 GHz: 25/50/100G Ethernet, InfiniBand EDR
- 56 GHz: 50/100/200/400G PAM-4
- Round, flat, breakout or composite cables available
- Low smoke, zero halogen designs available
- Plenum rated cables available



8 Pair Cable Cross Section

Part Number Information

AWG	8 Pair	4 Pair	2 Pair
32	16PA2LF014	08PA2LF001	04PA2LF005
30	16PB2LF018	08PB2LF010	04PB2LF025
28	16PD2LF014	08PD2LF007	04PD2LF019
26	16PE2LF006	08PE2LF003	04PE2LF021

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