

HIGH-DENSITY BNC CABLE ASSEMBLIES

High-density BNC cable assemblies from TE Connectivity (TE) expand our high-density BNC portfolio to include a variety of cable solutions for use in large video transmission systems, industrial camera systems, broadcast systems, and video signal applications.

Using a customized insertion/extraction tool (2446195-1), cable assemblies can be connected and disconnected to receptacles mounted on the panel utilizing a bayonet-style mounting interface even when space is limited.

APPLICATIONS

- Large video transmission systems
  - Surveillance cameras / smart city surveillance system
- Broadcast equipment
  - SDI input & output video cards
  - Studio and broadcast cameras
- Digital Video – UHD TV 4K&8K
- Instrumentation
  - PXI (PCI extensions for Instrumentation)
- Industrial equipment
  - 3D Automated Optical Inspection (3D AOI)
  - Machine vision / industrial cameras
  - Frame grabbers

PRODUCT FACTS

- Designed to improve panel density - up to 4x the panel density of standard BNC connectors
- Quarter turn bayonet-style coupling design includes locking feature
- Quicker, easier connector installation and removal in limited space
- Designed for CoaXPress 2.0 and SMPTE Straight 2082 standards
- Up to DC-12 GHz connector frequency range
- Up to 75 Ω performance
- Optimized for 12G-SDI broadcast video solutions

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PART NUMBERS

Part Number	Detailed Description	Cable Length	
2483417-1	CABLE ASSEMBLY BNC JACK STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC55a, 6” (152.40 mm)	6″	152.40 mm
2483417-2	CABLE ASSEMBLY BNC JACK STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC55a, 12” (304.80 mm)	12″	304.80 mm
2483396-1	CABLE ASSEMBLY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC55a, 6” (152.40 mm)	6″	152.40 mm
2483396-2	CABLE ASSEMBLY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC55a, 12” (304.80 mm)	12″	304.80 mm
2483396-3	CABLE ASSEMBLY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC55a, 36” (914.40 mm)	36″	914.40 mm
2483216-1	CABLE ASSEMBLY BNC JACK STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC94a, 6” (152.40 mm)	6″	152.40 mm
2483216-2	CABLE ASSEMBLY BNC JACK STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC94a, 12” (304.80 mm)	12″	304.80 mm
2483406-1	CABLE ASSEMBLY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC94a, 6” (152.40 mm)	6″	152.40 mm
2483406-2	CABLE ASSEMBLY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC94a, 12” (304.80 mm)	12″	304.80 mm
2479975-1	CABLE ASSEMBLY BNC JACK STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, 2R3365, 12” (304.80 mm)	12″	304.80 mm
2479975-2	CABLE ASSEMBLY BNC JACK STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, 2R3365, 18” (457.20 mm)	18″	457.20 mm
2479975-3	CABLE ASSEMBLY BNC JACK STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, 2R3365, 24” (609.60 mm)	24″	609.60 mm
2479975-4	CABLE ASSEMBLY BNC JACK STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, 2R3365, 36” (914.40 mm)	36″	914.40 mm
2479974-1	CABLE ASSEMBLY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, 2R3365, 750 mm	29.53”	750 mm
2479974-2	CABLE ASSEMBLY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, 2R3365, 39.37” (1,000 mm)	39.37″	1000 mm
2483407-1	CABLE ASSEMBLY HIGH-DENSITY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC55a, 12” (304.80 mm)	12″	304.80 mm
2483407-2	CABLE ASSEMBLY HIGH-DENSITY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC55a, 19.69” (500 mm)	19.69″	500 mm
2483407-3	CABLE ASSEMBLY HIGH-DENSITY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, NFC55a, 39.37” (1,000 mm)	39.37″	1000 mm
2479973-1	CABLE ASSEMBLY HIGH-DENSITY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, 2R3365, 6” (152.40 mm)	6″	152.40 mm
2479973-2	CABLE ASSEMBLY HIGH-DENSITY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, 2R3365, 12” (304.80 mm)	12″	304.80 mm
2510982-1	CABLE ASSEMBLY HIGH-DENSITY BNC PLUG STRAIGHT TO HIGH-DENSITY BNC PLUG STRAIGHT, RG316, 18” (457.20 mm)	18”	457.20 mm

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Digital Data Networks

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