

XTP DTP 22P Series

PRECISION-TERMINATED SHIELDED TWISTED PAIR CABLES FOR
XTP SYSTEMS AND DTP SYSTEMS - PLENUM



XTP
SYSTEMS

DTP
SYSTEMS

Plenum
— RATED —

The **XTP DTP 22P Series** consists of shielded twisted pair cable assemblies that optimize high-speed signal transmission through plenum spaces within Extron XTP Systems® and DTP® systems. Designed to meet the increased performance capabilities of DTP3, they ensure signal integrity for uncompressed 4K/60 video at 4:4:4. The XTP DTP 22P Series is ideal for a wide variety of professional environments.

- ▶ Delivers DTP3 uncompressed 4K/60 video
- ▶ Engineered for superior performance with Extron XTP Systems® and DTP® systems
- ▶ Provides added protection from outside interference and ensures high quality signal transmission
- ▶ Designed to ensure signal integrity of uncompressed HDMI 2.0b
- ▶ Bandwidth certified to 500 MHz at distances up to 330 feet (100 m)
- ▶ S/FTP design with four shielded twisted pairs inside an overall braided shield
- ▶ Available in lengths from 35 feet to 100 feet (10.6 m to 30.4 m)
- ▶ Plenum, NEC CMP-rated cable

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DESCRIPTION

Extron **XTP DTP 22P Series** cables are precision-terminated plenum-rated, shielded twisted pair cables that optimize high-speed signal transmission and facilitate cabling of Extron XTP Systems® and DTP® systems. The cables are factory-terminated with Extron XTP DTP 22 RJ-45 Plugs and molded strain reliefs. Designed to meet the increased performance capabilities of DTP3, the cables are constructed with Extron XTP DTP 22P bulk cable, ensuring signal integrity for uncompressed 4K/60 4:4:4 video at distances of 330 feet (100 meters).

Extron XTP DTP 22P plenum-rated, shielded twisted pair cables provide added protection from outside interference and ensures high quality signal transmission. The cables utilize an S/FTP design with four shielded 22 AWG twisted pair conductors inside an overall braided shield.

To complete an XTP or DTP system cable infrastructure, Extron recommends use of Extron-certified XTP DTP Punch Down Jacks and Couplers, available in packages of 10, or in pre-populated AAP™ AV Connectivity Modules, MAAP™ Mini AV Connectivity Modules, and WPD decorator-style wallplates.

Compatibility Chart

Cable Model	DTP3	DTP2	DTP	XTP II	XTP
XTP DTP 22P	✓	✓	✓	✓	✓
XTP DTP 24P	✓*	✓	✓	✓	✓

* XTP DTP 24P cable may be used for distances up to 175 feet (53 meters).

KEY FEATURES

- ▶ Delivers DTP3 uncompressed 4K/60 video at 4:4:4
- ▶ Engineered for superior performance with Extron XTP Systems® and DTP® systems
- ▶ Provides added protection from outside interference and ensures high quality signal transmission
- ▶ Designed to ensure signal integrity of uncompressed HDMI 2.0b
- ▶ Bandwidth certified to 500 MHz at distances up to 330 feet (100 m)
- ▶ S/FTP design with four shielded twisted pairs inside an overall braided shield
- ▶ 22 AWG solid copper construction
- ▶ Molded strain relief reduces cable damage at connector-sleeve stress point due to flexing and fatigue
- ▶ Plenum, NEC CMP-rated cable

SPECIFICATIONS

PERFORMANCE/ELECTRICAL		
Termination standard	TIA/EIA T568B	
GENERAL – PHYSICAL CHARACTERISTICS		
Connector type	1 male shielded CAT6A RJ45 to 1 male shielded CAT6A RJ45	
Contacts	Gold plated	
Material	Conductors: Solid, bare copper 22 AWG Shielding: S/FTP (Individual Shielded Pair with AL foil and overall tinned copper braid) Jacket: Plenum blue PVC	
Cable dimensions		
Cable outer diameter	0.24" (6.1 mm)	
Bend radius	3.5" (89 mm)	
Connector dimensions	0.85" L x 0.30" W x 0.46" thick* (21.6 mm L x 7.5 mm W x 11.8 mm thick*) *Excludes tab.	
Product weight	Varies by length	
Regulatory compliance	NEC 800, CMP 910, RoHS, WEEE	
Product warranty	Limited Lifetime Performance	
NOTE: Dimensions given above exclude the cable length.		
NOTE: All nominal levels are at ±10%.		
Model	Version Description	Part number
XTP DTP 22P/35	35' (10.6 m)	26-740-35
XTP DTP 22P/50	50' (15.2 m)	26-740-50
XTP DTP 22P/75	75' (22.8 m)	26-740-75
XTP DTP 22P/100	100' (30.4 m)	26-740-100

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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