STP Series

Serial Control/Audio Cable

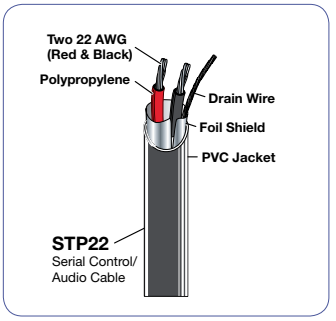
Plenum Rated Version Available

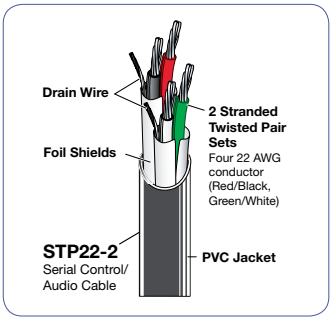
SERIES FEATURES

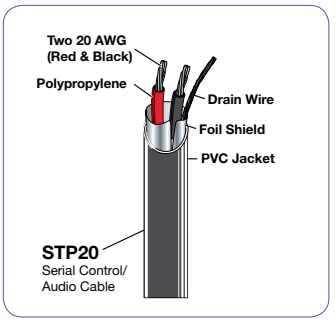
- One or two 20 or 22 AWG shielded twisted pair with drain wire
- High performance cable for serial control/audio signals
- Plenum and Non-Plenum rated versions available
- SuperFlex jacket with sequential numbering
- Spool of 1,000 feet (300 m) in self-dispensing box

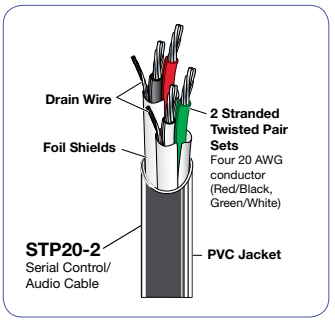
DESCRIPTION

Extron **STP Series** Cables are high performance solutions for the transmission and distribution of audio and control signals in a variety of A/V applications. These cables are available in plenum and non-plenum jackets. Each cable includes a tinned copper drain wire on the inside of the foil shield, which is bonded to the jacket for ease of stripping - single twisted pair models only. Plenum-rated jackets are constructed with special fire protectant agents for use in applications where National Electric Code CMP cable must be installed. Plenum cable can be run through plenum air spaces eliminating the need for conduit, and reducing installation costs.









Extron Model	Belden®*	West Penn*
STP22	9451	(X)454
STP20	9464	77292
STP22-2	8723	D430
STP20-2	N/A	N/A
STP22P Plenum	82761	25291B
STP20P Plenum	N/A	25292B
STP22-2P Plenum	88723	N/A
STP20-2P Plenum	N/A	N/A

* The cross-reference cable models are similar to the Extron Models but are not guaranteed to be exactly identical. Belden and West Penn are divisions of Belden/CDT. Belden is a registered trademark of Belden/CDT.

STP22

Serial Control/Audio Cable

UNIQUE FEATURES

- One twisted pair, 22 AWG, color-coded, tinned copper conductors wrapped in a foil shield
- NEC CM rated, non-plenum cable





STP20

Serial Control/Audio Cable

UNIQUE FEATURES

- One twisted pair, 20 AWG, color-coded, tinned copper conductors wrapped in a foil shield
- NEC CM rated, non-plenum cable





MODEL	VERSION DESCRIPTION	PART #
STP - Single Non-Plenum		
STP22/1000	Non-Plenum 1000' (300 m) spool	22-156-03
STP20/1000	Non-Plenum 1000' (300 m) spool	22-157-03

Continued →

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STP Series

STP22-2

Serial Control/Audio Cable





UNIQUE FEATURES

- Two twisted pairs, 22 AWG, color-coded, tinned copper conductors wrapped in a foil shield
- NEC CM rated, non-plenum cable

STP20-2

Serial Control/Audio Cable





UNIQUE FEATURES

- Two twisted pairs, 20 AWG, color-coded, tinned copper conductors wrapped in a foil shield
- NEC CM rated, non-plenum cable

MODEL	VERSION DESCRIPTION	PART #
STP - Dual Non-Plenum		
STP22-2/1000	22 AWG Non-Plenum 1000' (300 m) spool	22-160-03
STP20-2/1000	20 AWG Non-Plenum 1000' (300 m) spool	22-161-03

STP22P

Serial Control/Audio Plenum Cable





UNIQUE FEATURES

- One twisted pair, 22 AWG, color-coded, tinned copper conductors wrapped in a foil shield
- NEC CMP rated, plenum cable

STP20P

Serial Control/Audio Plenum Cable





UNIQUE FEATURES

- One twisted pair, 20 AWG, color-coded, tinned copper conductors wrapped in a foil shield
- NEC CMP rated, plenum cable

MODEL	VERSION DESCRIPTION	PART #
STP - Single Plenum		
STP22P/1000	22 AWG Plenum 1000' (300 m) spool	22-158-03
STP20P/1000	20 AWG Plenum 1000' (300 m) spool	22-159-03

STP22-2P

Serial Control/Audio Plenum Cable





UNIQUE FEATURES

- Two twisted pairs, 22 AWG, color-coded, tinned copper conductors wrapped in a foil shield
- NEC CMP rated, plenum cable

STP20-2P

Serial Control/Audio Plenum Cable





UNIQUE FEATURES

- Two twisted pairs, 20 AWG, color-coded, tinned copper conductors wrapped in a foil shield
- NEC CMP rated, plenum cable

MODEL	VERSION DESCRIPTION	PART #
STP - Dual Plenum		
STP22-2P/1000	22 AWG Plenum 1000' (300 m) spool	22-162-03
STP20-2P/1000	20 AWG Plenum 1000' (300 m) spool	22-163-03

Continued →

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Extron®

STP Series

Description Part No. (length) Model	UL NEC/ C(UL) CEC UL AWM	No. of Cond.	Standard Lengths		Shipping Weights		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials (% coverage) Nom. DCR	Nominal OD		Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/ft	pF/m	MHz	dB/ 100 ft	dB/ 100 m
(1 or 2 pairs) 22 or 20 AWG Shielded Twisted Pairs • Aluminum Foil (100%) Shield																			
Nonplenum Cable • Polypropylene Insulation • PVC Inner Jackets • Gray PVC Outer Jacket																			
22-156-03 (1000') **STP22**  min. bend radius 1.5"	NEC CM C(UL) 60 °C	1 shielded twisted pair	1000	304.8	17	7.7	22 AWG (7/30) 0.030" 0.76 mm, Tinned Cu 17 ohms/ 1k ft, 56 ohms/ 1 km	0.046	1.17	Alum. Foil (100%) 17 ohms/ 1k ft, 55.8 ohms/ 1 km	Single: red, black Overall: 0.135 3.43 gray		45		35 115 conductor-conductor 67 220 conductor-conductor, connected to shield				
22-160-03 (1000') **STP22-2**  min. bend radius 1.5"	NEC CM C(UL) 60 °C	2 shielded twisted pairs	1000	304.8	34	15.4	Same as above	0.046	1.17	Same as above	Single: red, black; green, white Overall: 0.168 4.27 gray		45		Same as above				
22-157-03 (1000') **STP20**  min. bend radius 2.0"	NEC CM C(UL) 60 °C	1 shielded twisted pair	1000	304.8	19	8.6	20 AWG (10/30) 0.038" 0.97 mm, Tinned Cu 17 ohms/ 1k ft, 56 ohms/ 1 km	0.070	1.78	Alum. Foil (100%) 10.5 ohms/ 1k ft, 34 ohms/ 1 km	Single: red, black Overall: 0.214 5.44 gray		45		27 89 conductor-conductor 49 161 conductor-conductor, connected to shield				
22-161-03 (1000') **STP20-2**  min. bend radius 2.3"	NEC CM C(UL) 60 °C	2 shielded twisted pairs	1000	304.8	40	18.1	Same as above	0.066	1.68	Same as above	Single: red, black; green, white Overall: 0.230 5.84 gray		45		Same as above				
Plenum Cable • Foamed FEP Insulation • PVC Inner Jackets • Blue Fire-resistant PVC Outer Jacket																			
22-158-03 (1000') **STP22P**  min. bend radius 2.5"	NEC CMP C(UL) 60 °C	1 shielded twisted pair	1000	304.8	14	6.4	22 AWG (7/30) 0.030" 0.76 mm, Tinned Cu 17 ohms/ 1k ft, 56 ohms/ 1 km	0.046	1.17	Alum. Foil (100%) 17 ohms/ 1k ft, 55.8 ohms/ 1 km	Single: red, black Overall: 0.128 3.25 blue		45		35 115 conductor-conductor 67 220 conductor-conductor, connected to shield				
22-162-03 (1000') **STP22-2P**  min. bend radius 3.4"	NEC CMP C(UL) 60 °C	2 shielded twisted pairs	1000	304.8	28	12.7	Same as above	0.046	1.17	Same as above	Single: red, black; green, white Overall: 0.170 4.30 blue		45		Same as above				
22-159-03 (1000') **STP20P**  min. bend radius 3.0"	NEC CMP C(UL) 60 °C	1 shielded twisted pair	1000	304.8	15	6.8	20 AWG (10/30) 0.038" 0.97 mm, Tinned Cu 17 ohms/ 1k ft, 56 ohms/ 1 km	0.054	1.37	Alum. Foil (100%) 10.5 ohms/ 1k ft, 34 ohms/ 1 km	Single: red, black Overall: 0.150 3.80 blue		45		27 89 conductor-conductor 49 161 conductor-conductor, connected to shield				
22-163-03 (1000') **STP20-2P**  min. bend radius 3.3"	NEC CMP C(UL) 60 °C	2 shielded twisted pairs	1000	304.8	30	13.6	Same as above	0.054	1.37	Same as above	Single: red, black; green, white Overall: 0.165 4.30 blue		45		Same as above				

NOTE: Specifications are subject to change without notice.

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