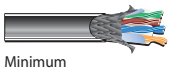
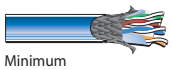
Specifications — XTP™ DTP 24 Cable

Extron

(8) (4 Unshielded Twisted Pairs) 24 AWG Insulated Solid Bare Copper Conductors
Overall Cable Shield: Al/Mylar + Tinned Copper Braid (55%) Nominal Pair-to Pair Skew: Max. 25 ns/100 m, Min. 8 ns/100 m

Description: Part No. (length) Model	UL NEC/ C(UL) CEC UL AWM Temp.	No. of Cond.	Standard Lengths Ft.	Standard Lengths m	Shipping Weights Lbs.	Shipping Weights kg	Conductor (solid) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Nominal OD Inch	Nominal OD mm	Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance pF/ft	Nominal Capacitance pF/m	MHz	Nominal Attenuation dB/ 100 ft	Nominal Attenuation dB/ 100 m	NEXT (dB/ 100 m)	Power Sum (dB) NEXT	Power Sum (dB) ELFEXT	Power Sum (dB) ACR	Return Loss (dB/ 100 m)
Nonplenum Cable • Solid Polyolefin Insulation • Gray PVC Outer Jacket																							
22-236-03 (1000') **XTP DTP 24**  Minimum bend radius: 2.5″	NEC 800 CM UL 1685 75 °C	8 insu-lated	1000	304.8	41	18.6	24 AWG 0.021″ 0.53 mm, Solid Cu 43 ohms/ 1k ft, 141 ohms/ 1 km	0.021	0.525	Single: blue/ blue-white, orange/ orange-white, green/ green-white brown/ brown-white Overall: 0.276 7.0 gray	100 Sweep tested 0.8 MHz to 1 GHz.	66%	15.2 conductor-conductor	50 conductor-conductor	4	-1.2	-4.1	65	64.3	53.7	58.6	23.01
																8	-1.8	-5.8	61	59.8	47.7	52.1	24.52
																10	-2.0	-6.5	59	58.3	45.8	49.8	25.00
																16	-2.5	-8.2	56	55.3	41.7	44.5	25.00
																20	-2.8	-9.2	50	48.8	39.7	41.7	25.00
														25 conductor-conductor, connected to shield	82 conductor-conductor, connected to shield	25	-3.2	-10.4	48	47.3	37.8	38.7	24.32
																31	-3.6	-11.7	47	45.9	35.9	36.0	23.64
																62	-4.7	-15.4	45	44.4	29.8	24.9	21.54
																100	-6.0	-19.8	44	41.3	25.8	15.6	20.11
																155	-8.6	-28.1	42	40.7	22.1	5.4	19.00
																200	-9.9	-32.4	40	38.8	19.7	—	18.00
																250	-11.2	-36.9	38	36.8	17.3	—	17.40
																300	-12.2	-40.1	28	25.1	15.5	—	14.77
																400	-13.5	-44.3	26	23.3	13.0	—	13.89
																500	-15.0	-49.1	24	21.8	13.2	—	13.21
Plenum Cable • Solid FEP Insulation • Blue Fire-resistant PVC Outer Jacket																							
22-235-03 (1000') **XTP DTP 24P**  Minimum bend radius: 3.5″	NEC 800 CMP UL 910 75 °C	8 insu-lated	1000	304.8	43	19.5	24 AWG 0.021″ 0.53 mm, Solid Cu 43 ohms/ 1k ft, 141 ohms/ 1 km	0.021	0.525	Single: blue/white, orange/white, green/white, brown/white Overall: 0.268 6.8 blue	100 Sweep tested 0.8 MHz to 1 GHz.	69%	15.2 conductor-conductor	50 conductor-conductor	4	-1.2	-4.1	65	60.5	53.7	58.6	23.01
																8	-1.8	-5.8	61	59.8	47.7	52.1	24.52
																10	-2.0	-6.5	53	53.3	45.8	49.8	25.00
																16	-2.5	-8.2	51	52.3	41.7	44.5	25.00
																20	-2.8	-9.2	50	48.8	39.7	41.7	25.00
														25 conductor-conductor, connected to shield	82 conductor-conductor, connected to shield	25	-3.2	-10.4	48	47.3	37.8	38.7	24.32
																31	-3.6	-11.7	47	45.9	35.9	36.0	23.64
																62	-5.0	-15.4	45	44.4	29.8	24.9	21.54
																100	-6.6	-19.8	40	40.3	25.8	15.6	20.11
																155	-8.6	-28.1	36	36.0	22.1	5.4	19.00
																200	-9.9	-32.4	32	31.8	19.7	—	18.00
																250	-11.2	-36.9	31	27.8	17.3	—	17.40
																300	-12.2	-40.6	28	25.1	14.1	—	14.77
																400	-13.5	-44.3	26	23.3	13.0	—	13.89
																500	-15.0	-49.1	24	21.8	13.2	—	13.21

Limited Lifetime Performance Warranty