

# SZ7903203 | F1177TSVV XP SM MT

XPRESSPREP® Coaxial Drop Cable, 75 Ohm, Series 11, black flame retardant PVC jacket



**OBSOLETE**

## Product Classification

<b>Product Type</b>	Coaxial drop cable
<b>Product Brand</b>	XPRESSPREP®
<b>Product Series</b>	11 Series
<b>Warranty</b>	One year

## General Specifications

<b>Cable Type</b>	Series 11
<b>Center Conductor Type</b>	Solid
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Feet
<b>Performance Note</b>	Attenuation listed represents maximum values at standard condition of 20 °C (68 °F)
<b>Shield Construction Type</b>	Trishield

## Dimensions

<b>Diameter Over Center Conductor, nominal</b>	1.626 mm   0.064 in
<b>Diameter Over Dielectric, nominal</b>	7.112 mm   0.28 in
<b>Diameter Over Inner Shield (Tape), nominal</b>	7.29 mm   0.287 in
<b>Diameter Over Jacket, nominal</b>	10.16 mm   0.4 in
<b>Jacket Thickness, nominal</b>	0.991 mm   0.039 in
<b>Center Conductor Gauge</b>	14 AWG
<b>Inner Shield (Braid) Gauge</b>	34 AWG

## Electrical Specifications

<b>Capacitance</b>	53.15 pF/m   16.2 pF/ft
<b>Characteristic Impedance</b>	75 ohm
<b>Characteristic Impedance Tolerance</b>	±3 ohm
<b>dc Resistance Note</b>	Nominal values based on a standard condition of 20 °C (68 °F)
<b>dc Resistance, Inner Conductor, nominal</b>	41.011 ohms/km   12.5 ohms/kft
<b>dc Resistance, Loop, nominal</b>	56.102 ohms/km   17.1 ohms/kft
<b>dc Resistance, Outer Conductor, nominal</b>	15.092 ohms/km   4.6 ohms/kft
<b>Nominal Velocity of Propagation (NVP)</b>	85 %
<b>Operating Frequency Band</b>	5–3000 MHz
<b>Structural Return Loss, Grade A</b>	≥15 dB @ 1801–3000 MHz   ≥20 dB @ 5–1800 MHz

## Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
5.0	1.25	0.38
55.0	3.15	0.96
83.0	3.87	1.18
85.0	3.9	1.19
187.0	5.74	1.75
204.0	6.14	1.87
211.0	6.23	1.9
250.0	6.72	2.05
300.0	7.38	2.25
350.0	7.94	2.42
400.0	8.53	2.6
450.0	9.02	2.75
500.0	9.51	2.9
550.0	9.97	3.04
600.0	10.43	3.18
750.0	11.97	3.65
865.0	13.05	3.98
1000.0	14.27	4.35
1218.0	16.14	4.92
1300.0	16.44	5.01

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<b>1400.0</b>	17.13	5.22
<b>1500.0</b>	17.79	5.42
<b>1600.0</b>	18.44	5.62
<b>1700.0</b>	19.08	5.81
<b>1794.0</b>	19.66	5.99
<b>1800.0</b>	19.7	6

## Material Specifications

<b>Center Conductor Material</b>	Copper-clad steel
<b>Dielectric Material</b>	Foam PE
<b>Jacket Material</b>	Fire retardant PVC
<b>Inner Shield (Braid) Coverage</b>	60 %
<b>Inner Shield (Braid) Material</b>	Aluminum
<b>Inner Shield (Tape) Material</b>	Aluminum/Polymer/Aluminum (APA) bonded
<b>Outer Shield (Tape) Material</b>	Aluminum/Polymer/Aluminum (APA) bonded

## Environmental Specifications

<b>Environmental Space</b>	Indoor
<b>Flame Test Listing</b>	CATV   CM   NEC Article 800   NEC Article 820

## Packaging and Weights

<b>Packaging Type</b>	Reel
<b>Weight, gross</b>	87.802 kg/km   59 lb/kft