CLARK™ WIRE & CABLE

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PRODUCT BULLETIN

#28203

TV7511D Digital 75Ω RG11 Triaxial Camera Cable

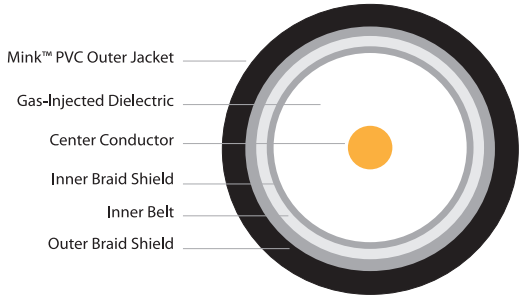
- Low-Loss RG11 Size
- 15AWG Stranded Conductor
- 1GHz Bandwidth
- Gas-Injected Dielectric
- Ultra-Flexible Mink™ Jacket
- Corrosion Resistant Braids

Part Number Overview

Part Number: **TV7511D**
Description: Digital 75Ω RG11 Triaxial Camera Cable

Materials & Dimentions

CENTER CONDUCTOR	15AWG (19x27) Stranded BC .064" O.D.
DIELECTRIC	Gas-Injected Foam PE .312" O.D.
INNER SHIELD	95% TC Braid
INNER BELT	TPE, .392" O.D.
OUTER SHIELD	95% TC Braid
OUTER JACKET	Mink™ PVC
OVERALL DIAMETER	.515"
AVAILABLE COLORS	Black



Performance Characteristics

Impedance	Return Loss	DC Resistance	Capacitance	Vel. of Prop.	Pulling Tension	Bend Radius	Operating Temperature	Weight
75Ω (+/-3)	>20 dB (1MHz - 1GHz)	Conductor: 2.9 Ω/Mft Inner Shield: 1.4 Ω/Mft Outer Shield: 1.5 Ω/Mft	17.1 pF/ft	78%	263 lbs max.	5.2" min.	-30˚C to 75˚C	157 lbs/Mft

Frequency	1 MHz	3.6 MHz	10 MHz	71.5 MHz	135 MHz	270 MHz	360 MHz	720 MHz	1 GHz
Attenuation dB/100 feet	0.14	0.29	0.43	1.1	1.5	2.3	2.9	4.1	5.0
Attenuation dB/100 meters	0.46	0.95	1.4	3.6	4.9	7.5	9.5	13.5	16.4

The TV7511D is a precision RG11 triaxial cable for digital or analog camera applications. Built for modern digital video standards, the TV7511D features a gas-injected dielectric, a 1GHz bandwidth, certified return loss specifications and a precision 75Ω characteristic impedance. The center conductor is made from 15AWG stranded bare copper to improve the flex-life and flexibility of the cable. Ideal for use in studio or remote production environments, the TV7511D outer jacket is extruded from Clark's Mink PVC compound that is exceptionally flexible and abrasion resistant.