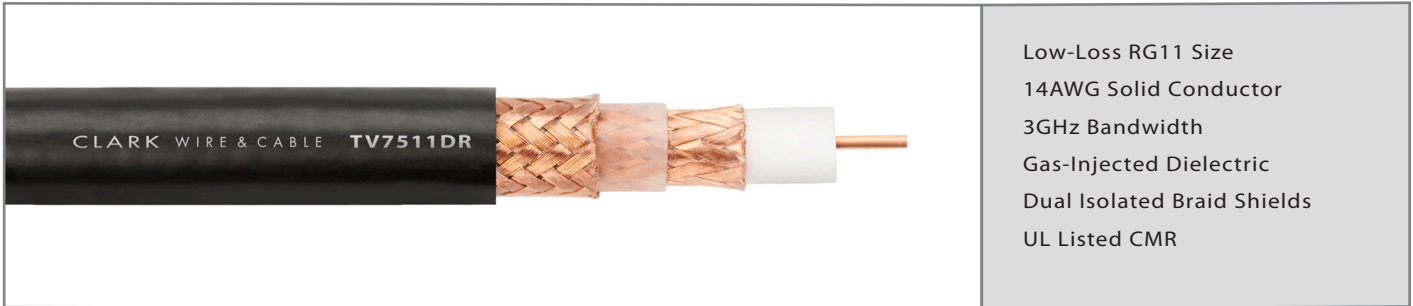


PRODUCT BULLETIN

#28302

TV7511DR Digital 75Ω Riser Rated RG11 Triaxial Camera Cable



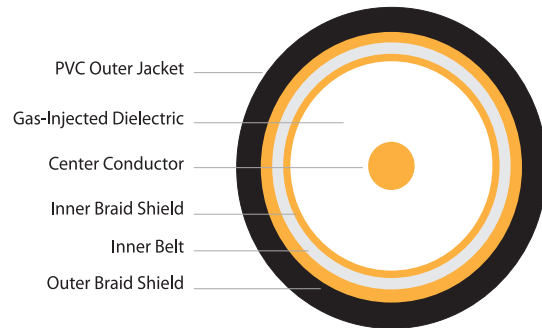
Low-Loss RG11 Size
14AWG Solid Conductor
3GHz Bandwidth
Gas-Injected Dielectric
Dual Isolated Braid Shields
UL Listed CMR

Part Number Overview

Part Number: **TV7511DR**
Description: Digital 75Ω Riser Rated RG11 Triaxial Camera Cable

Materials & Dimensions

CENTER CONDUCTOR	14AWG Solid BC .064" O.D.
DIELECTRIC	Gas-Injected Foam PE .285" O.D.
INNER SHIELD	95% BC Braid
INNER BELT	PVC, .365" O.D.
OUTER SHIELD	95% BC Braid
OUTER JACKET	PVC
OVERALL DIAMETER	.475"
AVAILABLE COLORS	Black



Performance Characteristics

Impedance	Return Loss	DC Resistance	Capacitance	Vel. of Prop.	Pulling Tension	Bend Radius	Operating Temperature	UL Rating	Weight
75Ω (+/-3)	>22 dB (1MHz - 1GHz) >15 dB (1GHz - 3GHz)	Conductor: 2.5 Ω/Mft Inner Shield: 1.6 Ω/Mft Outer Shield: 1.5 Ω/Mft	16.2 pF/ft	84%	170 lbs max.	4.8" min.	-30°C to 75°C	CMR	128 lbs/Mft

Frequency	1 MHz	3.6 MHz	10 MHz	71.5 MHz	135 MHz	270 MHz	360 MHz	720 MHz	1 GHz	1.5 GHz	2.25 GHz	3 GHz
Attenuation dB/100 feet	0.14	0.28	0.42	1.1	1.5	2.3	2.7	4.0	5.0	6.3	7.9	9.6
Attenuation dB/100 meters	0.46	0.92	1.4	3.6	4.9	7.5	10.2	13.1	16.4	20.7	25.9	31.5

The TV7511DR is a precision RG11 triaxial cable for digital or analog camera applications. Built for modern digital video standards, the TV7511DR features a gas-injected dielectric, a 3GHz bandwidth, certified return loss specifications and a precision 75Ω characteristic impedance. The center conductor is made from 14AWG solid bare copper for the lowest available attenuation in a triaxial cable. UL listed CMR, the TV7511DR can be permanently installed in environments that require riser rated cables.