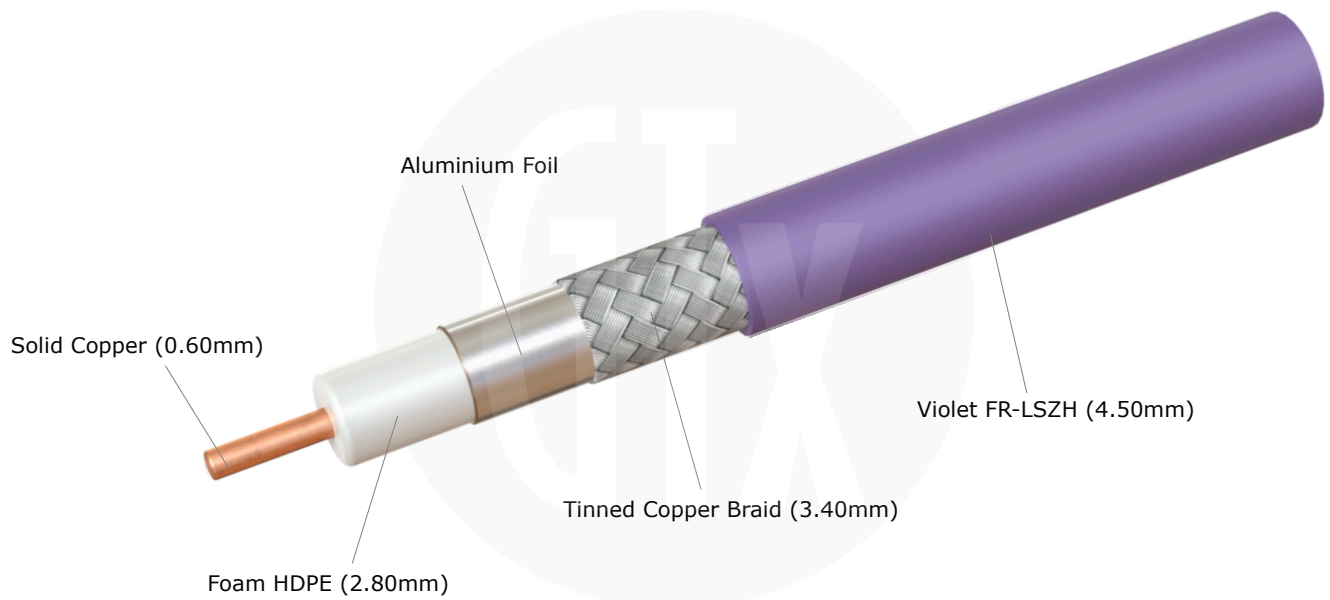


HD75-0628-7

HDTV High Definition, 0.6/2.8, Violet Jacket



MATERIAL SPECIFICATION

Inner Conductor	Solid Copper (0.60mm)
Dielectric	Foam HDPE (2.80mm)
First Shield	Aluminium Foil
Second Shield	Tinned Copper Braid (3.40mm)
Jacket	Violet FR-LSZH (4.50mm)

ELECTRICAL SPECIFICATION

Impedance	75 ohms
Max. Frequency	DC to 6 GHz
Capacitance	56 pF/m
Velocity of Propagation	78%
DC resistance - Inner conductor	61 ohm/km
DC resistance - Outer conductor	17 ohm/km

HD75-0628-7

HDTV High Definition, 0.6/2.8, Violet Jacket

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	14mm
Bending Radius (flexing)	46mm
RoHS Compliant	Yes
Temperature Range	-20 to +75 degrees C
CPR Compliance	Eca

FREQUENCY	ATTENUATION (per 100m)
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270.000 MHz	17.84 dB
540.000 MHz	25.72 dB
1000.000 MHz	33.20 dB
3000.000 MHz	60.90 dB
6000.000 MHz	88.50 dB

RECOMMENDED MAXIMUM TRANSMISSION LENGTH*

Single Link 3Gb/s (SMPTE ST425) maximum distance 101m
 Single Link 6Gb/s (SMPTE ST2081) maximum distance 66m

*based on 40dB loss at 1/2 clock frequency