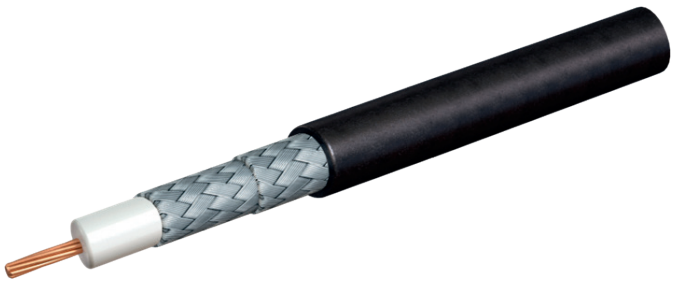
Technical Data Sheet

CANFORD SDV-F59-UHD CABLE

36-0059 CANFORD SDV-F59-UHD CABLE Black

MATERIAL SPECIFICATION

Inner Conductor	Stranded Bare Copper (0.787mm)
Dielectric	Foam HDPE (3.68mm)
First Shield	Tinned Copper Braid
Second Shield	Tinned Copper Braid
Jacket	Black TPE (6.15mm)



ELECTRICAL SPECIFICATION

Impedance	75 ohms
Max. Frequency	DC to 12 GHz
Capacitance	54 pF/m
Velocity of Propagation	81%
Voltage Withstanding	300V RMS Maximum

RECOMMENDED MAXIMUM TRANSMISSION LENGTH*

Single Link 3Gb/s (SMPTE ST425) maximum distance 91m

Single Link 6Gb/s (SMPTE ST2081) maximum distance 60m

Single Link 12Gb/s (SMPTE 2082, SMPTE 2083) maximum distance 41m

*Based on 40dB loss at ½ clock frequency

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	18mm
Bending Radius (flexing)	60mm
RoHS Compliant	Yes
Temperature Range	-30 to +75 degrees C
CPR Compliance	Fca

FREQUENCY	ATTENUATION (per 100m)
270.000 MHz	16.73 dB
540.000 MHz	24.28 dB
1000.000 MHz	34.45 dB
3000.000 MHz	66.60 dB
6000.000 MHz	96.00 dB
12000.000 MHz	154.80 dB