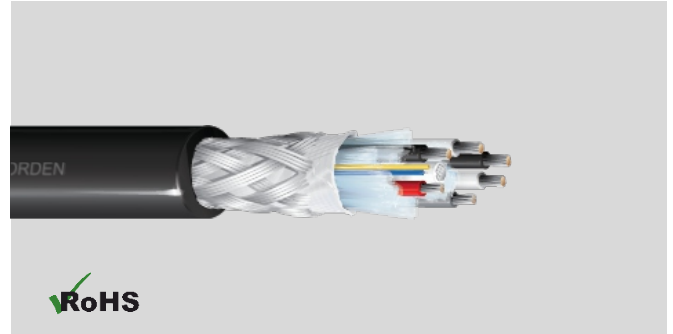


SMPTE HYBRID CAMERA CABLE



Norden SMPTE 311M Standard contains Single-Mode Optical Fibres, Auxiliary- and Signal Conductors. These Cables are designed for indoor and outdoor broadcast environments, video, audio, and control signals and are intended for interconnecting Camera Units and Base Stations. It is suitable for all new digital camera systems.



CABLE CONSTRUCTION

Conductor
Tinned Copper

Braiding
80% -Tinned Copper

Strength Member
Steel Wire Zn Plated

Flame Test
IEC 60332-1-2

Insulation
FRNC (Flame Retardant Non-Corrosive)

Drain Wire
Tinned Copper

Outer Jacket
FRNC

PHYSICAL & MECHANICAL CHARACTERISTICS

Characteristic	Value	
	20 AWG	24 AWG
No. of Conductor	4	2
Conductor Size	19x32	7x32
Nom. Insulation Diameter	1.57 mm	1.22 mm
Nominal Conductor DCR	36 Ohm/km	92 Ohm/km
Test Voltage	1750 V/AC	1750 V/AC
Operating Voltage	600 V/AC	300 V/AC
Strength Member Dia	1.6 mm	
Jacket Diameter	9.2 mm	
Operating Temp	-40°C To +75°C	
Installation Temp	-10°C To +70°C	
Storage Temp	-40°C To +75°C	
Max. Pulling Tension	1350 N	

FIBRE CABLE CONSTRUCTION & SPECIFICATION

Characteristic	
Fibre Type	OS2
Fibre Count	2
Buffer Tube	Thermoplastic
Buffer Tube Dia	900 µm
Mode Field Diameter	9.2 µm
Wavelength- SM1	1310 nm, 1550 nm
Max. Attenuation @ 1310 -1550 nm	0.50 dB/km

SMPTE HYBRID CAMERA CABLE



INSULATION COLOUR CODE

Individual Pair	Colour
20 AWG	Red
	Black
	White/Black
	Black/White
24 AWG	Red
	Grey

ORDERING INFORMATION

Part Number	Description
9S-33B1023X	Hybrid SMPTE 2 single-mode fibres, 2x24AWG conductor + 4x20AWG conductor 80% Braid Coverage Cable with FRNC Jacket.