

上海鼎尊特种电线电缆有限公司

Shanghai Dingzun Electric & Cable Co., Ltd.

Data Sheet/技术规格书

Quantity **As requirement**
 Date 2024/10/25
 Prepared Patrick Cao

Cable SMPTE 311M;2009



Item	Kind of Cores	Power	Control	Optic fiber	Strength member
1	No. of cores	4	2	2	1
2	Section	0.60mm ²	0.22mm ²	-	1.22mm ²
3	Conductor	Tinned Copper 19/0.20	Tinned Copper 7/0.20	-	Galvanized Steel Wire
4	Mode Field Dia.	-	-	9.5±1μm	-
5	Cladding Dia.	-	-	125±1μm	-
6	Approx. Conductor Dia.	1.00mm	0.60mm	-	1.60mm
7	Insulation	HDPE 2 x blk 2 x wht	HDPE 1 x red 1 x grn	1 x blu 1 x ylw	HDPE 1 x white
8	Approx. Core Dia.	1.50mm	1.10mm	0.9±0.05mm	2.10mm
9	Filling	Soft Cotton Filler + Binder Tape Wrapping			
10	Stranded	Strength member in the center, and other cores and filling as layers as the image above			
11	Wrapping	Non-woven fabric tape, diameter 5.4mm			
12	Shield	Tinned Copper Wire Braiding 95%, diameter 5.9mm			
13	Sheath	LSZH, color blk, diameter 9.2mm			
14	O.D.	9.2±0.3mm			
15	Approx. Weight	115kg/km			
16	Resistance at 20°C	37.5Ω/km	113Ω/km	-	10Ω/km
17	Attenuation	-	-	0.5dB at 1310nm	-
18	Dispersion	-	-	3.5ps/nm*km at 1310nm	-
19	Rated Temperature	-40°C ~ +70°C			
20	Rated Volatge	300V			
21	Packing	500meters/Reel			