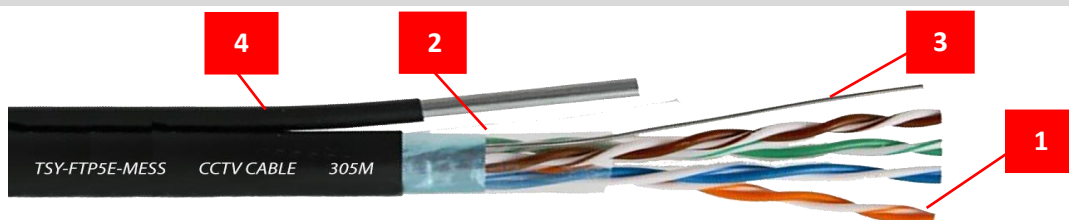


## TSY-FTP5E-MESS

Data Cable with messenger



### 1 Conductors

Inner conductor	0.51 ± 0.005 mm, Solid Cooper
Insulation	1.04 ± 0.03 mm, HDPE
Color of Insulation	Blue/White-Blue; Orange/White-Orange; Green/White-Green; Brown/White-Brown

### 2 SCREEN

PET	19 x 0.015 mm
Aluminium foil	19 x 0.07 mm

### 3 Drain

Drain wire	0.4 ± 0.02 mm Tinned Cooper
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### 4 Cable

Overall cable diameter	6.2+2.5 ± 0.3 mm black PE
Average thickness of outer sheath	0.6 ± 0.1 mm
Rip cord	500D
Messenger	1.2 mm galvanized wire steel

### 4 TECHNICAL DATA

Resistance	9.38 Ω / 100 m
Resistance Unbalance	max. 2%
Impedance	100 ÷ 15 Ω
Insulation Resistance DC 100÷500 V	min. 5000MΩ / Km
Mutual Capacitance	max. 5.6 nF / 100 m
Testing Voltage	1200V
Velocity	≥67%

### 5 Packaging

Packaging	305 m, wooden spool
Weight	17.5 Kg

MHz	Attenuation	RL	NEXT	PS-NEXT
	dB / 100 m	dB	dB	dB / 100 m
1	2.0	20.0	65.3	63.5
8	5.8	24.5	52.4	50.5
10	6.6	25.0	51.3	49.2
20	9.3	25.0	48.8	46.9
31.3	11.7	23.0	43.0	41.8
62.5	17.0	21.0	39.2	37.2
100	22.0	20.0	36.3	34.4