



MAINTRONICS

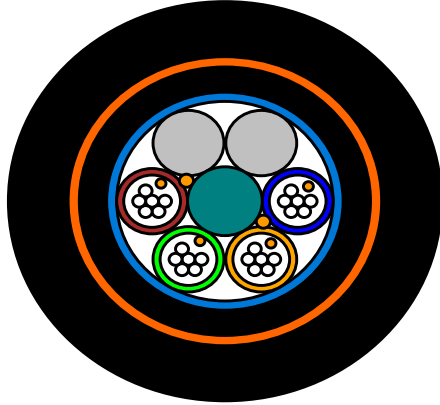
TECHNICAL SPECIFICATION

Optical Fibre ADSS G655 SPAN 200 - LSZH (RC-22)

Cable Type:

GYFY68 - 24B4

Cross Section:



Fiber type: 24 x G.655

Design Data			
1	FRP wire	Diameter	2 mm
2	PBT tube	Outer/inner Dia.	1.9 / 1.3 mm
3	Fibers of Cable	No.s	24
4	Filler	No.s	2
5	Water blocking tape	Thickness	0.2 mm
6	MDPE sheath	Thickness	0.8 mm
7	600T glass yarns	Thickness	0.3 mm
8	LSZH sheath	Thickness	1.6 mm
9	Water blocking yarns	No.s	6

Tubes / Fibers	4 / 6
Color of Optical fiber	blue, orange, green, brown, grey, white
Color of buffer tube	blue, orange, green, brown

Cable Diameter	11.6±0.3 mm
Cable Weight	129±10% kg/km

Technical Data:	Standard: IEC-60794		
	Features: Water blocking, Moisture proof, Tensile resistant, Crushing resistant		
	Allowable tensile strength	short term	(fiber strain < 0.33%) 3500 N
		long term	1000 N
	Crush resistance	short term	3000 N/10cm
		long term	1000 N/10cm
	Water ingress resistance		1meter, 24hours, 3samples
	Minimum bending radius(Dynamic)		25 D
	Minimum bending radius(Static)		12.5 D
	Life span of Optical cable		≥25 years
Temperature	Installation temperature		-10°C ~ +60 °C
	Transportation and Operation temperature		-40°C ~ +70 °C

Remarks: All dimension and data are nominal value