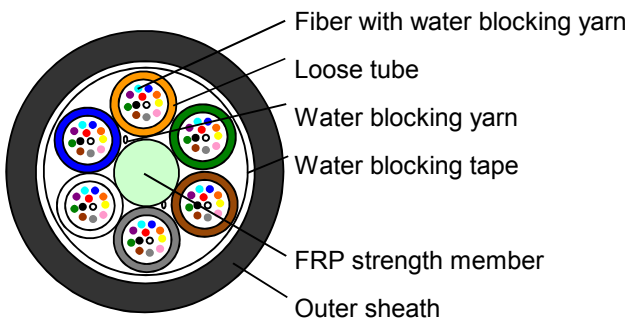
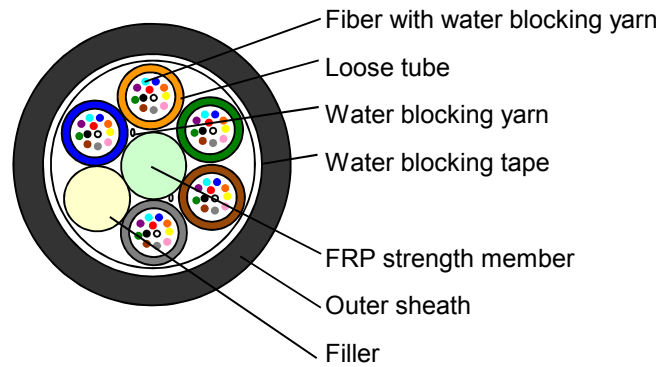
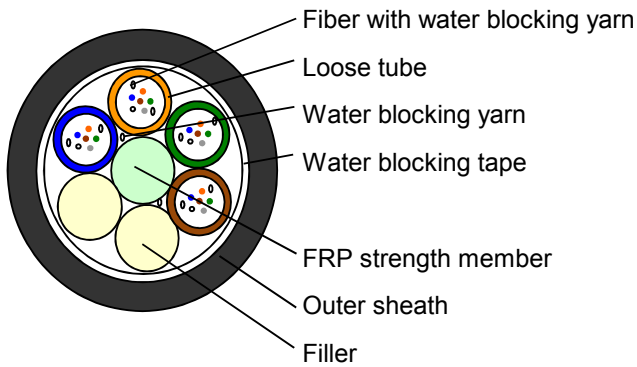


# R795912 Stranded Loose Tube Cable G.652.D, 5x12-fibers



## Dimensions of Cable Constructions

Items		Descriptions		
Optical fiber		OPTICAL FIBRE ITU-T G652D		
		Max.6 fiber per tube	Max.12 fiber per tube	
Fiber count		24	60	72
Central strength member	material	FRP		
	diameter	2.25mm	2.6mm	
loose tube	material	PBT		
	diameter	nom:2.1mm	nom:2.4mm	
	numbers	4	5	6
Filler	material	PP		
	numbers	2	1	0
Water blocking		Water blocking yarn and Water blocking tape		
Outer sheath	material	LSZH		
	thickness	average 1.8 mm		

## CABLE DESCRIPTION hort Term

Tensile Strength (IEC60794-1)	Long Term	300 N	600 N
	Short Term	1000 N	1500 N
Crush Resistance (IEC60794-1)	Long Term	300 N/100mm	
	Short Term	1000 N/100mm	

Operating Temperature	-40°C to +70°C
Storage Temperature	-40°C to +70°C
Bending Radius	Static 10×Dia.
	Dynamic 20×Dia.

Cable diameter	Appro. 11.2mm	Appro. 16.2mm
Cable weight	Appro. 113kg/km	Appro. 200kg/km

Attenuation	G652	≤ 0.36 dB/km @1310nm	≤ 0.22 dB/km @1550nm
	G655	≤ 0.40 dB/km @1310nm	≤ 0.23 dB/km @1550nm
	50/125	≤ 3.3 dB/km @ 850nm	≤ 1.2 dB/km @1300nm
	62.5/125	≤ 3.5 dB/km @ 850nm	≤ 1.2 dB/km @1300nm

Bandwidth	50/125	≥ 500 MHz·km @850nm	≥ 500 MHz·km @1300nm
	62.5/125	≥ 200 MHz·km @850nm	≥ 500 MHz·km @1300nm

### Color arrangement

Loose tube	NO.	1	2	3	4	5	6
	Color	Blue	Orange	Green	Brown	Grey	White

Fiber in tube	NO.	1	2	3	4	5	6
	Color	Blue	Orange	Green	Brown	Grey	White
	NO.	7	8	9	10	11	12
	Color	Red	Black	Yellow	Violet	Pink	Aqua