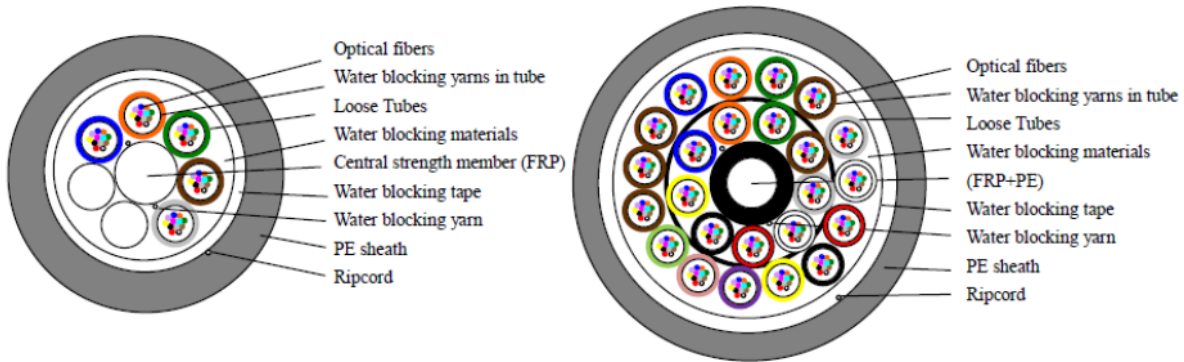


Single Jacket, Non-Armored PGYFY – All Dry Cable



Cable Description

Loose tubes with water blocking yarn assembled around dielectric central strength member; bind with polyester yarns and covered with water blocking tape; PE outer jacket overall

Cable Standards

Meeting requirements of standards GR-20-Core, ICEA S-87-640, IEC 60793, IEC 60794

Cable Construction

Item	Contents	Unit	Value				
Fiber count	Number	/	12/24/36/48	72	96	144	288
Cable structure	/	/	1+6	1+6	1+8	1+12	10+14
Fiber No. per tube	Number	/	12	12	12	12	12
Loose tube	Number	/	1/2/3/4	6	8	12	24
Central strength member	Material	/	Dielectric				
Cable diameter	±5%	in	0.472	0.472	0.504	0.622	0.736
Cable weight	±10%	lb/kft	74	71	79	118	190

Part Number: *-PGYFY-LT-SMF

Note: Substitute * for fiber count of 12, 24, 36, 48, 72, 96, 144, or 288

Technical Data

Item	Nominal Results	
Tension for a Short time	2700N	
Tension for a long time	800N	
Short term lateral pressure	1000 N/100mm	
Long term lateral pressure	300 N/100mm	
Jacket dielectric resistance (immersion for 24 hours)	≥2000 MΩ.km	
Jacket DC voltage withstand (immersion for 24 hours, no breakdown)	15KV for 2 min	
Minimum Bending Radius(Installing)	25D	
Minimum Bending Radius(Operating)	12.5D	
Temperature	Installation	-10°C ~ +60°C
	Transportation and Operation	-40°C ~ +70°C

All values are nominal and subject to correction

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