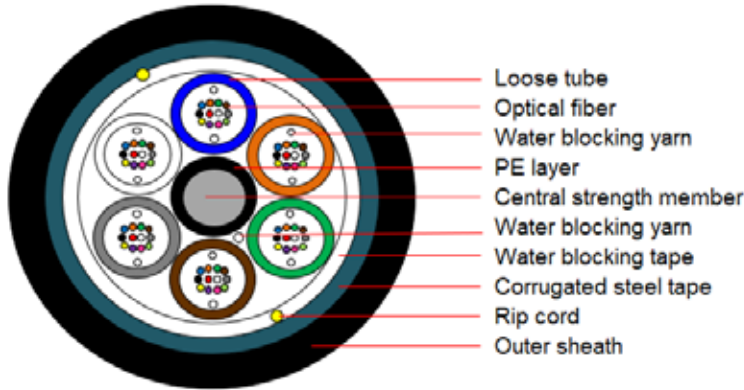


Single Jacket, Single Armored PGYS – All Dry Cable



Cable Description

Loose tubes with water blocking yarn assembled around metallic central strength member; bind with polyester yarns and covered with water blocking tape; steel corrugated armor applied over the core and a PE 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	/	12/24/48	72	96	144	192	196
Cable structure	/	/	1+6	1+6	1+8	1+12	1+6+12	1+6+12
Fiber No. per tube	Number	/	12	12	12	12	12	12/16+4/1
Loose tube	Number	/	1/2/4	6	8	12	16	17
Central strength member	Material	/	Steel wire with cushion					
Outer jacket	Nominal thickness	in	0.067	0.067	0.067	0.067	0.067	0.067
Cable diameter	±5%	in	0.484	0.484	0.547	0.673	0.673	0.673
Cable weight	±10%	lb/kft	95	96	120	167	157	157

Part Number: *-PGYS-LT-SMF

Note: Substitute * for fiber count of 12, 24, 36, 48, 72, 96, 144, 192, or 196

Mechanical & Environmental Performance

Item	Contents	Value
Max. tensile load	Short term	2700 N
	Long term	800 N
Max. crush resistance	Short term	4400 N/100mm
Min. bending radius	Installation	20 x cable diameter
	Operation	10 x cable diameter
Temperature range	Operation	-40°C ~ +70°C
	Installation	-30°C ~ +70°C
	Storage/transportation	-40°C ~ +75°C

All values are nominal and subject to correction

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