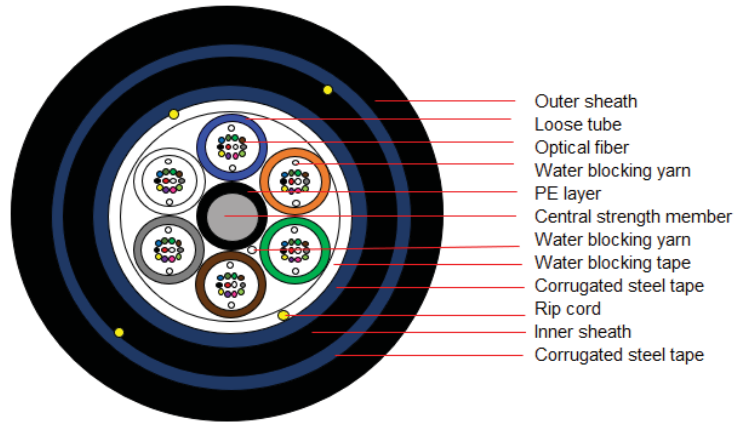


Double Jacket, Double Armored PGYS53 – All Dry Cable



Cable Description

Loose tube with water blocking yarn assembled around metallic central strength member; bind with polyester yarns and covered with water blocking tape; corrugated steel armor applied over the core, inner PE jacket, 2nd corrugated steel armor over the inner jacket, and outer 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	/	12/24/36/48/72	96	144
Cable structure	/	/	1+6	1+8	1+12
Fiber No. per tube	Number	/	12	12	12
Loose tube	Number	/	1/2/3/4/6	8	12
Central strength member	Material	/	Steel wire with cushion		
Outer jacket	Nominal thickness	in	0.067	0.067	0.067
Cable diameter	±5%	in	0.591	0.654	0.776
Cable weight	±10%	lb/kft	155	187	251

Part Number: *-PGYS53-LT-SMF

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

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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