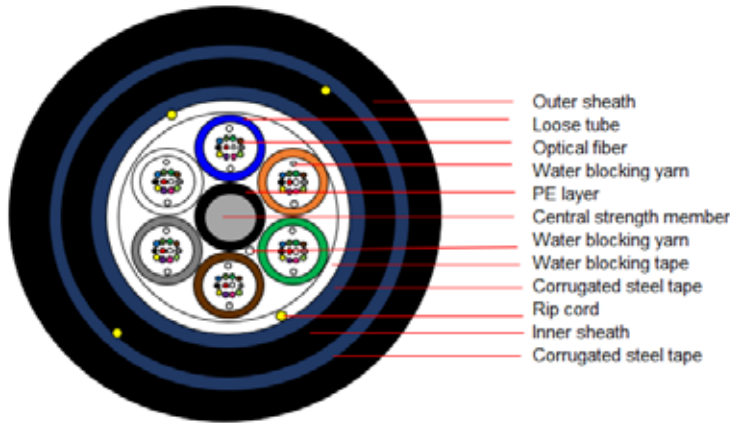


# Double Jacket, Double Armored PGYS53 – All Dry Cable



## 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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