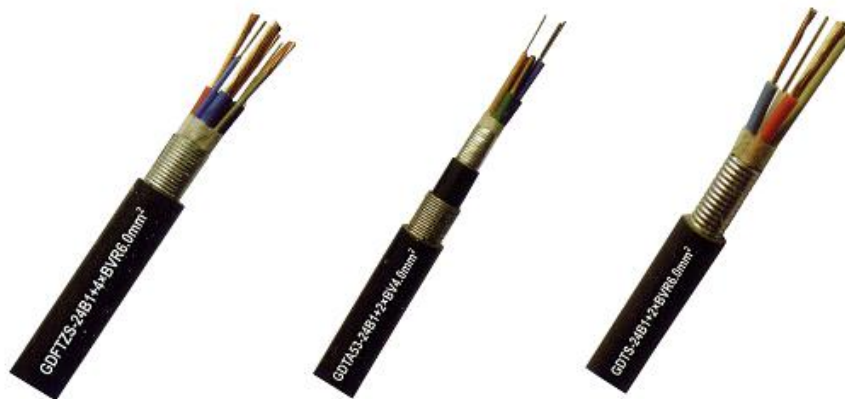


# Optic-Power Composite Cable



## Description

GDFTZS: Non-metallic strength member, Stranded semi-dry loose tube, Steel-PE jacket

GDTA53: Metallic strength member, Stranded semi-dry loose tube, Aluminum-PE inner jacket, Steel-PE outer jacket

GDTS/A: Metallic strength member, Stranded semi-dry loose tube, Steel-PE jacket

## Features

- High strength loose tube that is hydrolysis resistant, special tube filling compound ensure a critical protection of fiber.
- Good mechanical and temperature performance.
- All dielectric structure protects it from electromagnetic influence.
- Excellent flexibility and anti-bending ability, steel belt can protect the cable from bullet and mice-bite.

## Specifications

Item		GDFTZS	GDTA53	GDTS/A
Fiber Core Count		2~48	2~48	2~48
Power line spec (mm <sup>2</sup> )		1.0~6.0	1.0~6.0	1.0~6.0
Cable Diameter (mm)		12.0~17.0	15.0~21.0	12.0~17.0
Tensile Strength (N)	Short term	1500	3000	1500
	Long term	600	1000	600
Crush Resistance (N)	Short term	1000	3000	1000
	Long term	300	1000	300
Bending Radius	Static	20D	20D	20D
	Dynamic	10D	10D	10D
Application Range	Short distance communication, Communication equipment remote power supply			
Attenuation	≤0.36dB/km@1310nm ; ≤0.22dB/km@1550nm			
Operating Temperature	-40°C~+60°C			