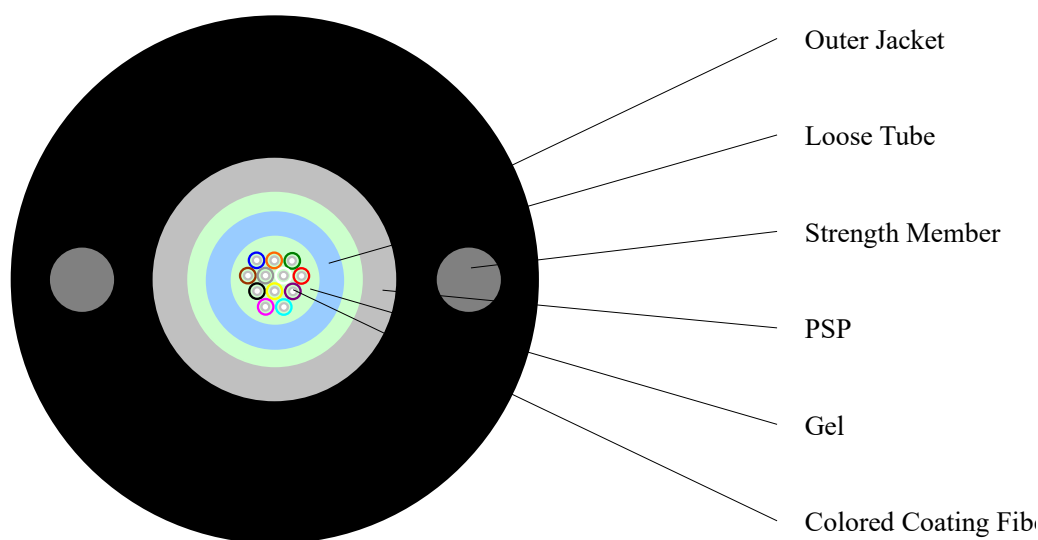




# ANSEC

## Outdoor Armored Cable GYXTW-6FO, Single mode G.652D PE 7.5mm



### Fiber Parameters

Items		Unit	Specification
			G.652D
Mode Field Diameter	1310nm	$\mu\text{m}$	$9.2\pm 0.4$
	1550nm	$\mu\text{m}$	$10.4\pm 0.5$
Cladding Diameter		$\mu\text{m}$	$124.8\pm 0.7$
Cladding Non-Circularity		%	$\leq 0.7$
Core-Cladding Concentricity Error		$\mu\text{m}$	$\leq 0.5$
Coating Diameter		$\mu\text{m}$	$245\pm 5$
Coating Non-Circularity		%	$\leq 6.0$
Cladding-Coating Concentricity Error		$\mu\text{m}$	$\leq 12.0$
Cable Cutoff Wavelength		nm	$\lambda_{cc}\leq 1260$
Attenuation(max.)	1310nm	dB/km	$\leq 0.36$
	1550nm	dB/km	$\leq 0.25$

## Cable Parameters

Items		Specifications
Fiber Count		6
Colored Coating Fiber	Dimension	250±15µm
	Color	Blue / Orange / Green / Brown / Gray / Natural
Loose tube	Dimension	2.15mm±0.05mm
	Material	PBT
	Color	Natural
Strength Member	Diameter	0.7mm
	Material	Steel
Outer Jacket	Dimension	7.5mm±0.3mm
	Material	PE
	Color	Black

## Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	400
Tension (Short Term)	N	800
Crush (Long Term)	N/10cm	300
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70

