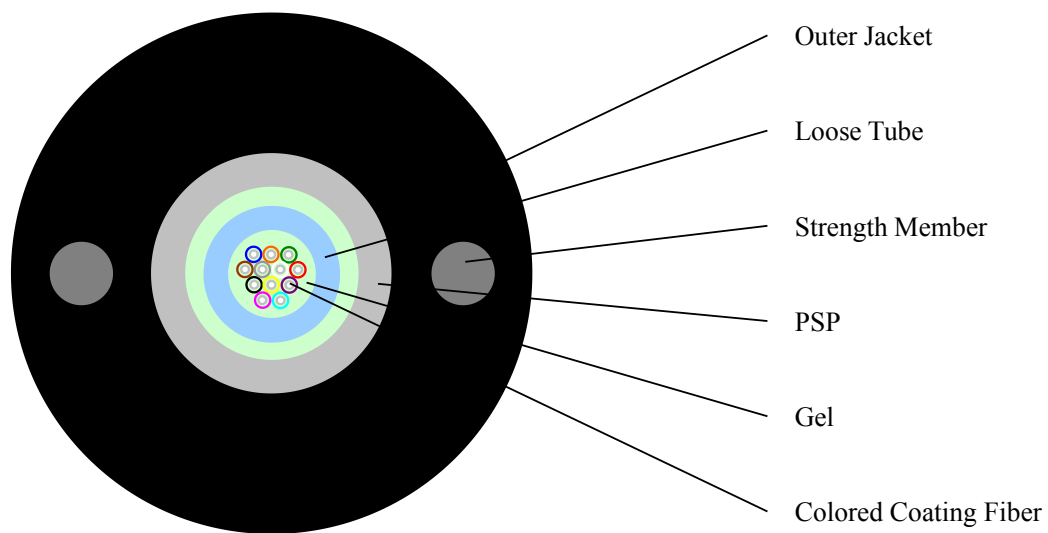




# ANSEC

## Outdoor Armored Cable GYXTW-12FO, Single mode G.652D PE 7.5mm



### Fiber Parameters

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

## Cable Parameters

Items		Specifications
Fiber Count		12
Colored Coating Fiber	Dimension	250±15µm
	Color	Blue / Orange / Green / Brown / Gray / Natural Red / Black / Yellow / Purple / Pink / Aqua
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

