

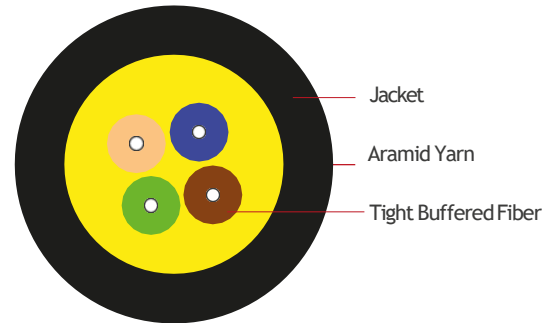
Thermoplastic Polyurethane Tight Buffer Cable

TPU Cable (Thermoplastic polyurethane), sheath is a thermoplastic elastomer that is a blend of rubber and plastic. TPU material is tough, flexible, durable, and resistant to abrasions, UV and oils. Due to its thermoplastic nature, it has great load-bearing capacity, high crush/impact resistance and an incredible tensile strength.

Available in 2,4 and 6F

Features

- Cable : IEC 60794-2 and YD/T1258.4
- Fibre : SM G652D, MM 62.5/125um, MM 50/125um, OM3 50/125um, OM4 50/125um, OM5 50/125um, G657A1, G657A2(B)
- Quality assurance system : ISO9001, and cable product confirms to ROHS.



General Specifications

PARAMETER	SPECIFICATION
Dimension	Φ5.2 mm
Fiber	SM G652D, MM 62.5/125um, MM 50/125um, OM3 50/125um, OM4 50/125um, OM5 50/125um, G657A1, G657A2(B)
Strength Number	Aramid Yarn
Buffer	LSZH
Jacket	TPU

Specifications

Stripping	Coating stripping	1.0 ~ 8.9N
	Buffer stripping	≤13.3N
Mechanical Characteristics	Tension Long Term	600N
	Tension Short Term	1500N
	Crush Long Term	700N
	Crush Short Term	1500N
	Impact	1N.m, fiber no damage, sheath no crack
	Repeating bending	40N, 100cycles, fiber no damage, sheath no crack
	Torsion	20 N, 10cycles, ±180°, fiber no damage, sheath no crack
Bending Radius	Load	20D(cable diameter)
	Unload	10D(cable diameter)
Additional att.(-40~85°C)		≤0.5dB/km
Flame resistance		IEC60332-1
Temperature range	Storage	-40~70°C
	Installation	-5~40°C
	Bending	-40~85°C

Ordering Information:

Please contact atg for more detail and delivery times