



## TPU Cable (Thermoplastic Polyurethane)

**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

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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	1 N.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

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