

戶外型充膠式金屬光纜 24~96C



WONDERFUL

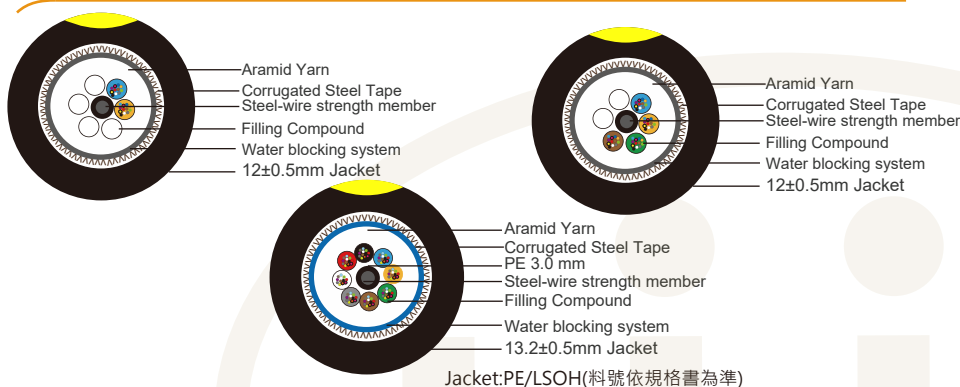
- 採用充膠石油膏填充於束管內具有防水功能
- 束管外層放置止水帶及凱芙拉具防水抗張功能
- 光纜內中心置放2.0/3.2mm Steel /PE Wire
- 光纜內部為波紋鋼帶被覆及以支撐光纜重量與壓力，並加強其抗壓力與安全之彎曲弧角，並具有防齒動物咬(防鼠咬功能)
- 通過24小時防水測試合格
- 外被覆依據光纜規格注入顏色注條區分用途及功能
- 充膠式設計適合於戶外及長距離施工安裝
- 小線徑設計24C 48C 12.0mm 96C 13.2mm易於通過建築物內外管道及豎井

◆ 運用範圍

- 室內外管道
- 跨廠區連接使用
- 廠區建築內水平佈放

◆ 符合規範

- ITU-T G.652.D / ITU-T G.657.A1, A2
- ITU-T G.651.OM2, OM3, OM4
- Telcordia GR-20-CORE
- IEC 60793 IEC 60794 IEC60332-1 IEC60332-3
- ANSI/TIA/EIA 492AAA/492AAB
- ANSI/TIA-568.3-E
- RoHS compliant (2011/65/EU)
- IEEE 383



Jacket:PE/LSOH(料號依規格書為準)

Fiber Core Geometric Characteristics

Type	ITU-T G.652.D / G.657.A1 / G.657.A2	ITU-T G.651.OM2 / OM3 / OM4
Core Diameter	G.652D : 9.2±0.4 um / G.657: 8.6±0.4 um	50.0 ± 2.5 um
Clad Diameter	G.652D : 125±1 um / G.67125±0.7 um	125 ± 1 um
Coating Diameter	245±10 um	245 ± 10 um
Attenuation	@1310 nm ≤ 0.4 dB/km	@850 nm ≤ 3.5 dB/km
Attenuation 1550 nm	@1550 nm ≤ 0.3 dB/km	@1300 nm ≤ 1.0 dB/km

Product Environmental Condition

Storage/Shipping	LSOH/PE	-20/40°C to +75/85°C
Installation	LSOH/PE	-10°C to +60°C
Operation	LSOH/PE	-20/40°C to +75/85°C

Product Construction

Fiber Core Count	24C / 48C / 96C
PBT Tube Diameter	2.0mm ± 0.3mm
PBT Tube Count	24C 2/6Tube 48C 4/6Tube ; 96C/8 Tube
Dielectric Aramid Strength Members	6 Clusters of Kevlar 1610dtex
Water Block Systems	Water Block Tape
Steel Strength Members	24C / 48C : 2.0mm steel wire / 96C : 2.0mm steel wire/3.4mmPE
Jacket Diameter	24C / 48C : 12.0 ± 0.5mm 96C : 13.2 ± 0.5mm
Jacket Color	Black with Yellow/Orange/Aqua Strip
Tensile Loading (Short Term / Long Term)	2700 N / 900N
Crush Load (Short Term / Long Term)	1000 N/ 300 N(100mm)
Bend Radius (Short Term / Long Term)	20 / 10 Times of Cable Diameter

Product Reliability Characteristics

Items	Values
Tensile Strength(TIA/EIA-455-33A)	SM ≤ 0.2 dB MM ≤ 0.3 dB
Crush Test(TIA/EIA-455-41A)	SM ≤ 0.2 dB MM ≤ 0.3 dB
Repeated Bending(TIA/EIA-455-104A)	SM ≤ 0.2 dB MM ≤ 0.3 dB
Impact Test(TIA/EIA-455-25B)	SM ≤ 0.2 dB MM ≤ 0.3 dB
Torsion Test(TIA/EIA-455-85A)	SM ≤ 0.2 dB MM ≤ 0.3 dB

Package

Condition	Dimension	Length
Plywood Reel	24C / 48C: 1250×600×610×750 mm 96C: 1350×650×610×750 mm	3000 m

Fiber Color Code (中華電信色碼可依需求訂購)

Code	1	2	3	4	5	6	7	8	9	10	11	12
Color	Blue	Orange	Green	Brown	Slate	White	Red	Black	Yellow	Violet	Rose	Aqua

Tube Color code

Code	1	2	3	4	5	6	7	8	9	10	11	12
Color	Blue	Orange	Green	Brown	Slate	White	Red	Black	Yellow	Violet	Rose	Aqua

本產品型錄規格如有爭議以本公司解釋為主並保留變更修改之權利

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◆ WONDERFUL HI-TECH CO., LTD.
<http://www.wontex.com>

◆ WONDERFUL CABLING SYSTEMS
<http://www.wondernet.com.tw>

◆ WONDERFUL WIRE & CABLE CO., LTD (VIETNAM)
<http://www.vwt-wonderful.com/>

◆ ABA INDUSTRY INC.(U.S.A)
<http://www.aba-cable.com>

◆ SHANGHAI ELITECH TECHNOLOGY CO., LTD.
<http://www.wontex.com.cn>

◆ THAI WONDERFUL WIRE CABLE CO., LTD.
(THAILAND)
<http://www.thaiwonderful.com>

◆ WANSHIH ELECTRONIC CO.,LTD
<http://www.wanshih.com.tw>

◆ WONDERFUL PHOTOELECTRICITY
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