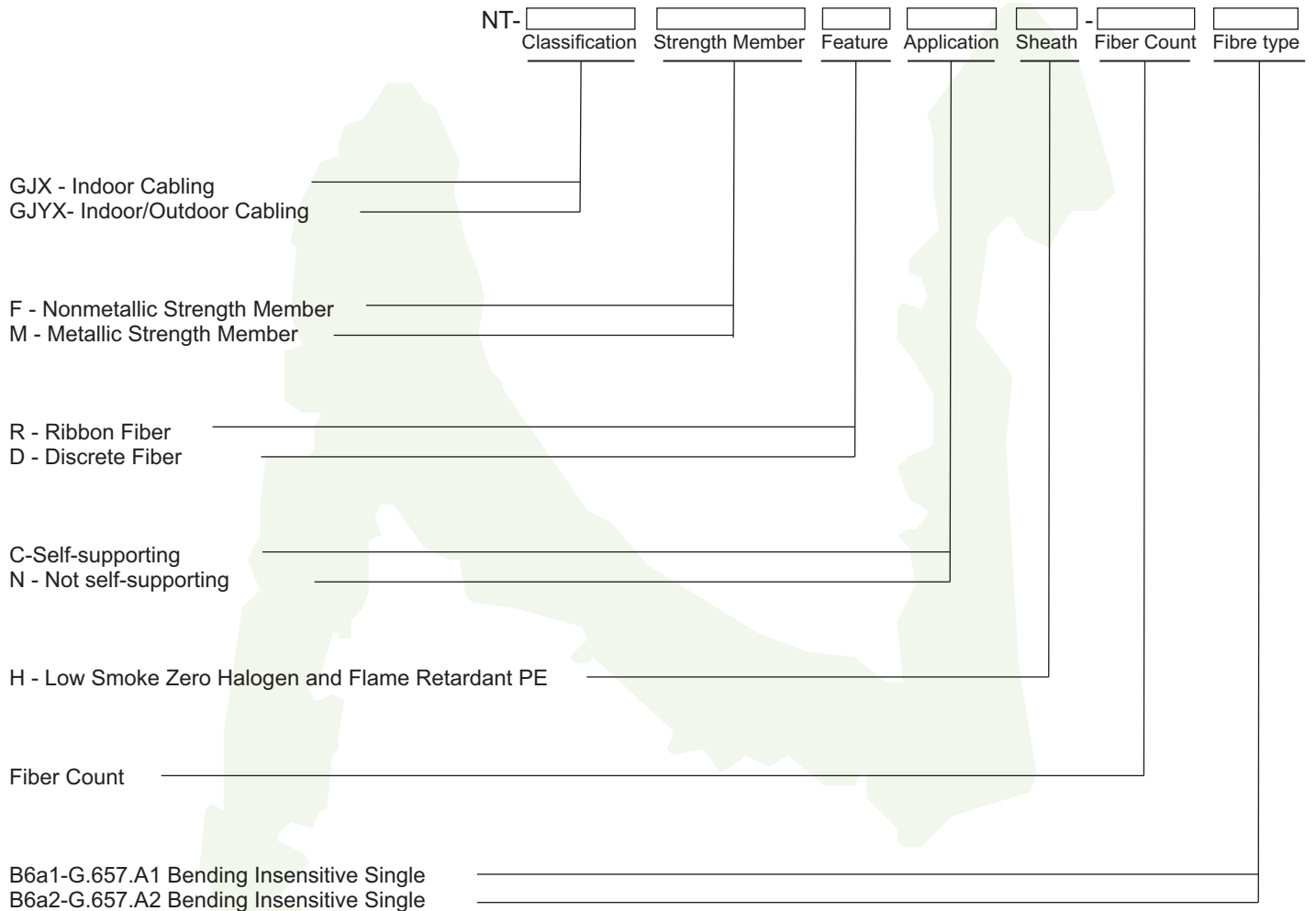


NAMING RULE OF NITROTEL BOW-TYPE DROP CABLE



Nitrotel's suggestions on the raw materials of the Bow-type drop optical cable:

- Fiber used in the bow-type drop optical cable should comply with ITU-T G.657.A2 and is fully compatible with G.652.D. The minimum bending radius of the fiber could reach 7.5mm, with is more suitable for the indoor application.
- To meet the safety requirements for indoor cable, low smoke zero halogen (LSZH) material is used as the outer sheath of the cables.
- To avoid conducting strong electric current from outdoor to indoor so as to guarantee the safety, only Fiber Reinforced Plastics (FRP) could be used as the strength member of the Bow-type drop optical cable.
- KFRP is used in the cable. Presently, FRP is divided into GFRP and KFRP has better bending performance to bring the bending attribute of G.657.A2 fiber into full play and enable the cable to be applied in the small bending radius circumstances



NAMING RULE OF NITROTEL OUTDOOR CABLE

NT- []	[]	[]	[]	[]	[]	[]
Classification	Strength Member	Feature	Sheath	Outer Sheath	Fiber Count	Fibre type
GY - Outdoor Cable						
GJ - Indoor Cable						
GP - Drain Pipe Cable						
GL - Pavement Micro-trench Cable						
GD - Hybrid Cable						
M - Metallic Strength Member						
F - Non-metallic Strength Member FRP						
H - Non-metallic Strength Member + Aramid Yarn						
D - Ribbon						
G - Slotted Core						
X - Unitube						
T - Compound Filling						
D - Dry Core						
C - Self-supporting						
Z - Flame Resistant						
Y - PE Sheath						
A - Aluminum Tape + PE Sheath						
S - Steel Tape + PE Sheath						
W - Steel Tape+ PE Sheath with Parallel Steel Wires						
33-Steel Wire + PE Sheath						
53-Steel Tape + PE Sheath						
54- Steel Tape + PE Sheath + Nylon						
63- Aramid Yarn + PE Sheath						
333-Two-layer Steel Wire + PE Sheath						
53+33- Steel Tape + PE Sheath + Steel Wire + PE Sheath						
Fiber Count						
OM1-62.5/125 Multimode Fiber						
OM2, OM3, OM4-50/125 Multimode Fiber						
B1-G.652.B Single-mode Fiber						
S-G.652.D Low Water Peak Single-mode Fiber						
B4-G.655 Single-mode Fiber						
B6a1-G.657.A1 Bending Insensitive Single-mode Fiber						
B6a2-G.657.A2 Bending Insensitive Single-mode Fiber						



NAMING RULE OF NITROTEL ADSS CABLE

