

## GYXTC8S-Small

## PSP Armored Uni-tube Aerial Installation Optical Fiber Cable

### Figure-8 Self-supporting



### Application:

Good mechanical and environmental Performances.

Small size and light weight, easy for installation.

Self-supporting aerial installation.

### Characteristics:

|                              |                                  | G.652.D      | G.655        | 50/125um       | 62.5/125um    |
|------------------------------|----------------------------------|--------------|--------------|----------------|---------------|
| Attenuation                  | @850nm                           | -            | -            | ≤3.0 dB/km     | ≤3.0 dB/km    |
|                              | @1300nm                          | -            | -            | ≤1.0 dB/km     | ≤1.0 dB/km    |
|                              | @1310nm                          | ≤0.36 dB/km  | ≤0.40 dB/km  | -              | -             |
|                              | @1550nm                          | ≤0.22 dB/km  | ≤0.23 dB/km  | -              | -             |
| Bandwidth                    | @850nm                           | -            | -            | ≥500 MHz · km  | ≥200 MHz · km |
|                              | @1300nm                          | -            | -            | ≥1000 MHz · km | ≥600 MHz · km |
| Polarization mode dispersion | Individual fibre                 | ≤0.20 ps/√km | ≤0.20 ps/√km | -              | -             |
|                              | Design link value (M=20,Q=0.01%) | ≤0.1 ps/√km  | ≤0.1 ps/√km  | -              | -             |

## Technical Data:

| Item                                       | Contents            | Value                 |     |     |     |     |     |
|--------------------------------------------|---------------------|-----------------------|-----|-----|-----|-----|-----|
|                                            | Fiber Count         | 2                     | 4   | 6   | 12  | 18  | 24  |
| Loose Tube                                 | Outer diameter (mm) | 3.0                   | 3.0 | 3.0 | 3.0 | 3.2 | 3.2 |
| Steel Wire                                 | Material            | galvanized steel wire |     |     |     |     |     |
|                                            | Diameter (mm)       | 1.6                   |     |     |     |     |     |
| Sheath                                     | Thickness (mm)      | Nominal:0.8           |     |     |     |     |     |
| Cable diameter(mm)Approx.                  |                     | 7.0*13.0mm            |     |     |     |     |     |
| Cable weight(kg/km)Approx.                 |                     | 82                    |     |     |     |     |     |
| Operating temperature range(°C)            |                     | -40~+70               |     |     |     |     |     |
| Tensile Strength Short/ Long Term(N)       |                     | 500/600               |     |     |     |     |     |
| Crush resistance short/long term (N/100mm) |                     | 1000/300              |     |     |     |     |     |

The colour arrangement of fibre and tube is specified in the colour identification table.

Other structure and fibre count are also available according to customer requirements.