

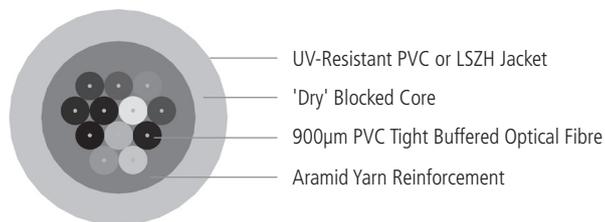
## Indoor/Outdoor Optical Fibre Riser Cable

Multifibre Riser Cable constructed from 900um PVC tight buffered fibres, stranded together with water blocking aramid yarns and over-sheathed with either a UV Resistant and Flame Retardant Black PVC or LSZH Jacket. Sheath printing includes length marking at 1m intervals. Alternative outer jacket colours, any fibre type and up to 24 fibres as identified below.

### Part Numbers

TWAP\*\*AA0††¥¥ - Indoor/Outdoor PVC Jacket

TWBP\*\*AA0††¥¥ - Indoor/Outdoor LSZH Jacket



### Applicable Specifications

AS/CA 5008, IEC 60794, IEC 60793, AS1049, TIA/EIA 598-C, AS 3080, RoHS Directives 2002/95/EC

### Applications

Designed for use in both Indoor & Outdoor Environments in Structured Wiring Systems for backbone and or building interconnect. The cable incorporates 'Dry' water blocking properties suitable for protected external use in covered tray, conduit, underground ducts and tunnels. Coloured jackets have a reduced UV resistance when compared to Black.

### Physical Characteristics

SPECIFICATION	UNIT	4F	6F	8F	12F	24F
Nominal Cable Diameter	mm	5.8	6.2	6.8	6.6	8.2
Nominal Weight	kg/km	28	33	36	41	58
Temperature Range	°C	-10 to 70				
Max Pulling Tension	N	600	600	600	600	900
Max. Crush Resistance	N/100 mm	500	500	500	500	500
Long Term Crush	N/100 mm	250	250	250	250	250
Min. Bending Radius – Under Load	mm	120	124	136	144	160
Min. Bending Radius – No Load	mm	89	93	102	108	120

**Colour Code for fibres & tubes:** Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua (\*Band-marking used to identify fibre-counts above 12)  
**Typical Sheath Colour Codes:** Orange = 62.5 um OM1, Aqua = 50 um OM3, Yellow = SM, Erika Violet = OM4 and Black.

\*\* Represents any fibre code: 1D = sm LWP G652.d, 1F = sm (G657.a1), 62 = 62.5 um multimode (OM1), 50 = 50 um multimode (OM2), 53 = 50 um multimode (OM3), 55 = 50 um multimode (OM4), 60 = 50 um multimode (OM5)

†† Represents any fibre-count up to 24

¥¥ Represents standard colours, BE(Blue), OE(Orange), GN(Green), BN(Brown), GY(Grey), WE(White), RD(Red), BK(Black), YW(Yellow), VT(Violet), PK(Pink), AQ(Aqua)

This datasheet is provided for guidance only and is subject to change without notice. Please ensure you have the most up to date information where parameters in this document are considered critical for your particular application.