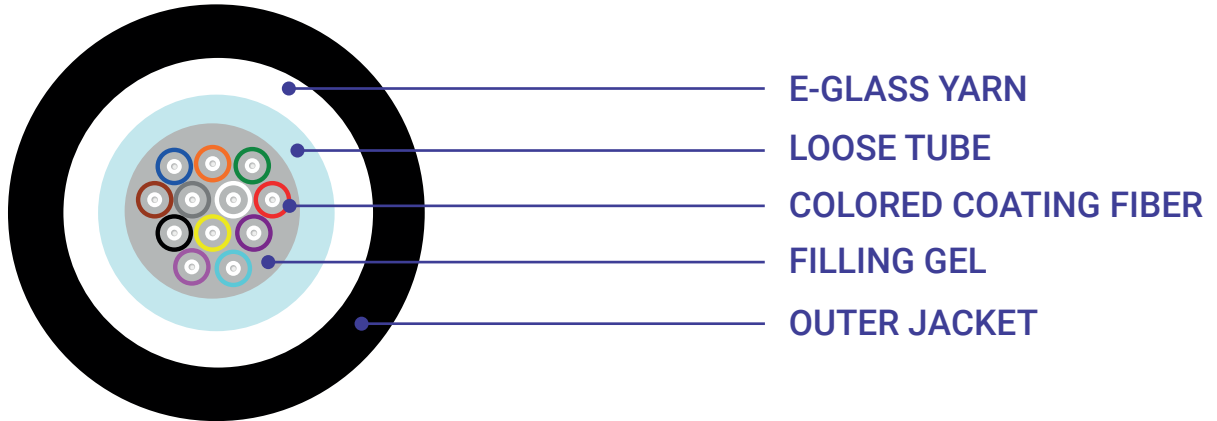


ENGLISH MEASUREMENT VERSION  
MODEL: BDN-G2DIO12N

## 12-FIBER INDOOR/OUTDOOR CABLE

### PROFILE VIEW



### FIBER PARAMETERS

N°	ITEMS		UNIT	SPECIFICATION G.657A2
1	MODE FIELD DIAMETER	1310nm	μm	9.2±0.4
		1550nm	μm	10.4±0.5
2	CLADDING DIAMETER		μm	124.8±1.0
3	CLADDING NON-CIRCULARITY		%	≤1.0
4	CORE-CLADDING CONCENTRY ERROR		μm	≤0.6
5	COATING DIAMETER		μm	245±7
6	COATING NON-CIRCULARITY		%	≤6.0
7	CLADDING-COATING CONCENTRICITY ERROR		μm	≤12.0
8	CABLE CUTOFF WAVELENGTH		nm	$\lambda_{cc} \leq 1260$
9	ATTENUATION (MAX.)	1310nm	dB/km	≤0.36
		1550nm	dB/km	≤0.22

## CABLE PARAMETERS

ITEMS		SPECIFICATION
FIBER COUNT		12
COLORED COATING FIBER	DIAMETER	250 $\mu$ m $\pm$ 15 $\mu$ m
	COLOR	BLUE, ORANGE, BLUE, BROWN, GREY, WHITE, RED, BLACK, YELLOW, PURPLE
LOOSE TUBE	DIAMETER	3.0mm $\pm$ 0.1mm
	MATERIAL	PBT
	COLOR	NATURAL COLOR
STRENGTH MEMBER		WATER-PROOF GLASS YARN
OUTER JACKET	DIAMETER	6.0mm $\pm$ 0.1mm
	MATERIAL	LSZH
	COLOR	YELLOW

## MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

ITEMS	UNITE	SPECIFICATION
TENSION (LONG TERM)	N	200
TENSION (SHORT TERM)	N	600
CRUSH (LONG TERM)	N/10cm	500
CRUSH (SHORT TERM)	N/10cm	1000
MIN. BEND RADIUS	mm	20D
MIN. BEND RADUS (STATIC)	mm	10D
INSTALLATION TEMPERATURE	°C	-10~+60
OPERATING TEMPERATURE	°C	-40~+60
STORAGE TEMPERATURE	°C	-40~+60