

FLAT DROP OUTDOOR FTTx 24SM G652D

CoreTel s.r.o.	REVISION NO : 01 DATE OF ISSUE : 27.05.2014 CABLE TYPE: 24F SM FLAT TYPE AERIAL OPTICAL FIBRE CABLE	
	DESIGN & DATA SPECIFICATION SHEET	
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1. FIBRE PROPERTIES

ATTENUATION @ 1310 nm	dB/km	≤ 0.34
@ 1550 nm		≤ 0.21
CHROMATIC DISPERSION 1285-1330 nm	ps/nm.km	≤ 3.5
At 1550 nm		≤ 17.0
ZERO DISPERSION WAVELENGTH	nm	1300-1324
ZERO DISPERSION SLOPE	ps/nm ² .km	≤ 0.092
CUT OFF WAVELENGTH	nm	1170-1310
POLARISATION MODE DISPERSION	ps/root km	≤ 0.2
MODE FIELD DIAMETER at 1310 nm	um	9.3 ± 0.5
CORE- CLAD CONCENTRICITY ERROR	um	≤ 0.6
CLADDING NON CIRCULARITY	%	≤ 1.0
CLADDING DIAMETER	um	125 ± 0.7
COATING DIAMETER	um	245 ± 7

2. MECHANICAL & ENVIRONMENTAL PROPERTIES

A. MAX. OPERATING TENSION	:	600 Newton
MAX INSTALLATION TENSION	:	1200 Newton
B. CRUSH RESISTANCE	:	2000 Newton/10 cm
C. MINIMUM BENDING RADIUS--- TEMPORARY	:	100 mm
PERMENANT	:	200 mm
D. MAX. OPERATING/ INSTALLATION TEMPERATURE	:	- 30 °C to + 70 °C
E. MAX. SPAN LENGTH	:	70 Meter

3. PHYSICAL & DIMENSIONS PROPERTIES

NO. OF FIBRES	24F
COLOUR OF FIBRE	BLUE, ORANGE, GREEN, BROWN, SLATE, WHITE, RED, BLACK, YELLOW, VIOLET, PINK & AQUA
COLOUR OF LOOSE TUBE	BLUE & ORANGE
NOMINAL DIMENSIONS	
A) WIDTH	8.4 ± 0.3 mm
B) HEIGHT	3.4 ± 0.3 mm
DIAMETER OF EAA COATED F.R.P. ROD (2 nos.)	1.8 ± 0.05 mm
DIAMETER OF LOOSE TUBE (ID/OD)	1.2/1.6 mm Nominal
SHEATH THICKNESS	0.8 mm Nominal
WEIGHT OF CABLE	36 ± 3 Kg/Km
PRINTING ON CABLE	AS PER CUSTOMER REQUIREMENT
STANDARD LENGTH	4000 mts ± 5%

