



TYPE APPROVAL CERTIFICATE

Ref. No.: 406

Wednesday, June 14, 2023

Certificate No: Mobyli/TAC/FOC/406

This certificate is valid from:

14-Jun-23	To	13-Jun-24
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Name of the Manufacturer / Supplier: MEFC/MEFC

Address of Manufacturer / Supplier: Second Industrial City Phase-3, 4658 Unit-1, Riyadh 14336, KSA

Type of Approval (Provisional/ Periodic):

Product(s) details:

Product- Name	Description
SM 48F (24F G.652D + 24F G.656) DIRECT BURIED ADBM130048.001 SM 48F (24F G.652D + 24F G.656) AERIAL FOC (FIG 8 TYPE) ALM130048.002 SM 96F (48F G.652D + 48F G.656) (METALLIC) DUCTED ADUM130096.001	Fiber Supplier Corning, Fujikura, Samsung and OFS are approved optical fiber manufacturers by Mobyli Cable Attenuation @ 1310 nm (dB/km) <= 0.35, Cable Attenuation @ 1550 nm (dB/km) <= 0.25 Chromatic Dispersion @ 1285-1330 (ps/(nm.km)) <= 3.5, Chromatic Dispersion @ 1550 (ps/(nm.km)) <= 18, Polarization Mode Dispersion ((ps/sqrt.km)) <= 0.2 (measured on cable drum) Number of fiber per Tube = 12, (Other spec as stated in Mobyli Compliance sheet)
SM G.652D 288 Duct Cables ADUN010288 SM G.652D 144F DUCT CABLE, ADUN010144.006 SM G.652D 96F DUCT CABLE, SM G.652D-48F DUCT CABLE, ADUN010096.004 SM G.652D 48F DUCT CABLE, ADUN010048.010 SM G.652D 24F DUCT CABLE, ADIN010024.013 SM G.652D 12F DUCT CABLE, ADIN010012.002	Fiber Supplier Corning, Fujikura, Samsung & OFS are approved Cable Attenuation @ 1310nm (dB/km) <= 0.35, Cable Attenuation @ 1550nm (dB/km) <= 0.25, chromatic Dispersion @ 1285-1330(ps/(nm.km)) <= 3.5, chromatic Dispersion @ 1550(ps/(nm.km)) <= 18, PMD (ps/sqrt.km) <= 0.1 (measured on cable drum), Number of fiber per tube =12 (other specs as stated in Mobyli compliance sheet).
AAMM010288.001 - SM G.652D 288F DIRECT BURIED CABLE; AAMM010144.001 - SM G.652D 144F DIRECT BURIED CABLE;	Fiber Supplier Corning, Fujikura, Samsung & OFS are approved Cable Attenuation @ 1310nm (dB/km) <= 0.35, Cable Attenuation @ 1550nm (dB/km) <= 0.25, chromatic Dispersion @ 1285-1330(ps/(nm.km)) <= 3.5, chromatic Dispersion @ 1550(ps/(nm.km)) <= 18, PMD (ps/sqrt.km) <= 0.1 (measured on cable drum), Number of fiber per tube =12 (other specs as stated in Mobyli compliance sheet).
SM 288F G.652D MICRO FOC NON-METALLIC DUCTED(ADIN010288); SM 144F G.652D MICRO FOC NON-METALLIC DUCTED (ADIN010144.002)	Fiber Optic Cable (FOC), 288 Fibers Non-Metallic Micro Cable - G652-D, 9 loose tubes, pertaining to Fiber No's: F1 to F108 (Inner Layer) 15 loose tubes, pertaining to Fiber No's: F109 to F288 (Outer Layer) Fiber Supplier Corning, Fujikura, Samsung and OFS are approved optical fiber manufacturers by Mobyli Outside Cable Diameter (mm) (Nominal) 11.5 mm 144F Fiber 12 tubes, 12 Fibers per tube Outside Cable Diameter (mm) (Nominal) 9.2 mm (Other Spec as stated in Mobyli Compliance sheet).

This certificate is valid with the terms and conditions applied by Mobyli regarding the type approval

Verified By:	Verified By:	Verified By:
Nabeel Al Qahtani Chief Engineer Transport Business Solution Design	Wafi Mohamed Zahlan Section Head Transport Implementation	Yahya Azibi Network Site Field Operation
Approved By:	Feras T. Alfariss General Manager Transport Planning & Design	

Remarks(Terms & Conditions if any):

. For Immediate Effect

. For All OSP Contractors

