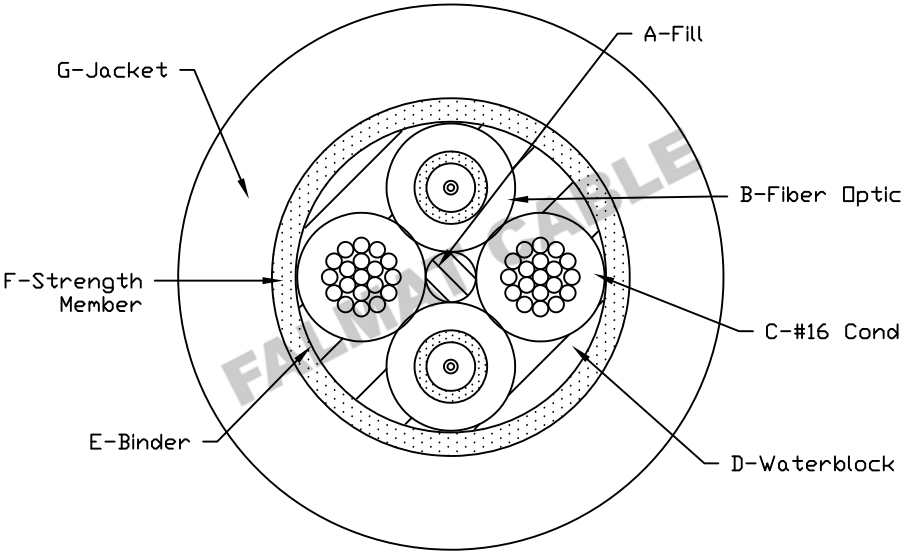


This document contains proprietary information and can not be copied or reproduced in part or in whole nor information disclosed to others for manufacturing or other purposes except as specifically authorized in writing by Falmat, Inc.

PRELIMINARY DESIGN
SUBJECT TO CHANGE



Diameter=.390+/-0.015"(9.9+/-0.4mm)

Weight in Air=80#/1,000'(119kg/km)

Weight in Sea=27#/1,000'(40kg/km)

Operating Strength<=450#(2kN)

Breaking Strength=2,700#(12kN)

Minimum Bend Radius>=4"(102mm)

Maximum Depth Rating<=20kft(6km)

Operating Temp -20 to +70 Deg C

Storage Temp -40 to +90 Deg C

Operating Voltage<=1000V

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
-	Initial release		

See ECR records for intermediate revisions

ITEM	PART NUMBER	QTY	DESCRIPTION
A	FILL	AR	Fill for Cable Roundness
B	Fiber Optic	2	Falmat XtremeLight Single Mode Fiber Simplex
C	#16 Cond	2	16 AWG Stranded Tinned Copper; 90C Polypropylene Insulation
D	Waterblock	AR	Elastomeric Compound in Interstices
E	Binder	1	Polyester Tape Wrap
F	Strength Member	1	Synthetic Fiber Yarns
G	Jacket	1	.067" (1.7mm) Nom Wall 90C Xtreme Marine Blue Polyurethane



CABLE, MODIFIED XTREME-MARINE EO

2 ea Fiber Optic, 2 ea #16 Cond
Waterblock, Strength Member, Jacket

DRAWN	DT	1/11/18	SIZE	B	FSCM NO.	55944	DWG NO.	FM021814-2MODXX	REV	-
CHECK			SCALE	NTS						SHEET 1 of 1