

PT. KMI Wire and Cable Tbk.

SCHEDULE OF TECHNICAL DATA

Manufacturer	PT. KMI Wire and Cable Tbk.
Type of Cable	CU/XLPE/LC/SWA/PVC
Rated Voltage	0.6/1 kV
Reference Standard	IEC 60502-1

PD No.	P 2010E02 - 03
Drawing No.	DR 1FR320700
Part No.	1FR10311233100

I. Constructional Data :



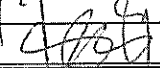
Number of Conductor	core	3
Cross Sectional Area	mm ²	16
Shape of Conductor	-	Circular Stranded
Material of Conductor	-	Copper
Number of Wires	no	7
Material of Insulation	-	XLPE
Color of Insulation	-	Brown - Black - Grey
Thickness of Insulation (nom.)	mm	0.7
Material of Inner-Sheath	-	PVC
Material of Metallic Sheath	-	Lead Alloy
Thickness of Metallic Sheath (min.)	mm	1.04
Material of Separating Sheath	-	PVC
Material of Armouring	-	Galvanized Steel Round Wire
Material of Sheath	-	PVC
Thickness of Sheath (min.)	mm	1.24
Color of Sheath	-	Black
Overall Dia of Cable (approx.)	mm	28.0
Marking of Cable	-	IEC 60502 KMI Cable "YEAR" CU/XLPE/LC/SWA/PVC "SIZE" mm ² 0.6/1 kV
Weight of Cable (approx.)	kg/km	2290

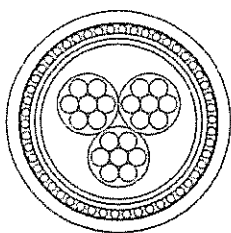
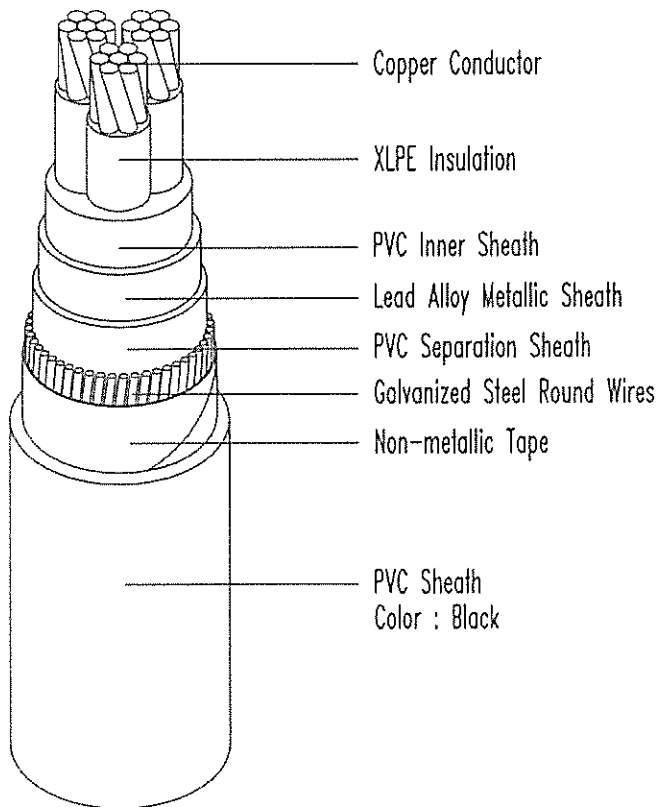
II. Packing :

Standard Length	m	1000 ± 2%
Diameter of Drum (Incl. Protection Lagging)	mm	1660
Width of Drum	mm	1126
Drum Type	-	161NB
Weight per Drum (approx.)	kg	2637

III. Electrical Data :

AC Test Voltage	kV/5 min	3.5
Max. D C Resistance of Conductor at 20°C	Ohm/km	1.15
Max. Temp. Rating of Conductor	°C	90
Max. Emergency Temperature	°C	130
Max. Short Circuit Temperature	°C	250
Max. Current Rating in Ground at 20°C	A	118
Max. Current Rating in Air at 30°C	A	107
Max. Short Circuit Rating of Conductor :		
t = 0.1 second	kA	7.24
t = 0.5 second	kA	3.24
t = 1.0 second	kA	2.29

PREPARED BY :		mm/dd/yyyy	APPROVED BY CUSTOMER :
CHECKED BY :		10/22/2020	
APPROVED BY :		REV. NO : 00	



Cable Type : CU/XLPE/LC/SWA/PVC - 0.6/1 kV		
Size (mm ²)	Overall Dia.(mm) (approx.)	Weight (kg/km) (approx.)
3 x 16	28.0	2290

DWG. NO.	DR 1FR320700	DRAWN BY		APPROVED BY CUSTOMER
SCALE	NOT TO SCALE	CHECKED BY		
PT KMI Wire and Cable Tbk.		APPROVED BY		
		DATE	10-22-2020	
	REV. NO.	00	-	