

Phasing Diagram	Insulation Resistance In Megohms			
	Equipment Number			
		Volts	1 Min.	2 Min.
	A-Earth & Screen			
	B-Earth & Screen			
	C-Earth & Screen			
	A-B			
	B-C			
	C-A			
	Screen-E			
	Phasing & Polarity Drawing No.	Sheath-E		

Test Voltages							
Rated Voltage kV	Connections	New Cable (100% test voltage) - kV			Old Cable (75% test voltage) - kV		
		DC	Sinusoidal RMS	Cosine Rect. Peak	DC	Sinusoidal RMS	Cosine Rect. Peak
11	Core to Sheath	-25	13	19	-19	10	15
11	Core to Core	+17/-17	13	19	+13/-13	10	15
33	Core to Sheath	-75	38	57	-56	30	44
33 HSL	Core to Sheath				-45		

Note - An old cable is defined as any circuit which has a section of cable which has been previously energised

DC High Voltage Test - PLY only
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Time: 11k v & 33kV - 15 minutes

I start, I finish in mA

Connections			Time Minutes	Negative			Positive		
-	+	Earth		kV	I start	I finish	kV	I start	I finish
A B C									
A	B	C							
B	C	A							
C	A	B							

VLF High Voltage Test - XLPE & XLPE/ PLY Combination

Time: 11k V - 15min. & 33kV - 30min.

I start, I finish in mA

Connections			Time Minutes	Sinusoidal - RMS			Cosine Rectangular - Peak		
-	Earth	Earth		kV	I start	I finish	kV	I start	I finish
A B C									
A	B	C							
B	C	A							
C	A	B							

Weather Conditions	Equipment Number
Result of Test	Label Attached at

Comments