

Medium Voltage Cable Joints (12 - 36kV)

CMJICMJM



Description

CiP offers a range of heatshrink cable joints designed for use on 12 - 36kV, 1 and 3 core PILC and XLPE cables. All kits meet the requirements of NRS 053 : 2008, IEC 60055-1 and SANS 60502-4. All kits comprise state of the art high quality components, each clearly marked in relation with a well illustrated instruction manual. This allows for ease of installation.

Features

- Superior resistance to UV and weathering
- Covers a wide range of sizes
- Unlimited shelf life
- Excellent sealing capabilities
- Enhanced electrical, environmental & mechanical performance
- Well illustrated instruction manual
- All kits suitable for armoured and un-armoured cables

Other Accessories

- Torque shear connectors - See page 43
- Cable stripping tool (Semicon/XLPE cable)

Technical Data

Test requirements for PILC and XLPE cable joints in accordance with IEC 60055-1 and SANS 60502-4

TEST	Rated Voltage U_0 / U kV			REQUIREMENTS
	6,35/11	12,7/22	19/33	
Humidity and salt fog (1,25 U_0)	7,94	15,9	23,8	No Failure or Flashover. No more than three trips No substantial damage
Partial discharge (1,73 U_0), N/A to PILC	11	22	33	Maximum Partial Discharge: 10pC
Thermal cycles - XLPE (2,5 U_0)	15,9	31,8	47,5	No Failure or Flashover
Thermal cycles - PILC (1,5 U_0)	9,5	19,1	28,5	No Failure or Flashover
A.C. withstand 15 min (2,5 U_0)	15,9	31,8	47,5	No Failure or Flashover
A.C. withstand 500h (2,5 U_0)	15,9	31,8	47,5	No Failure or Flashover
A.C. withstand 1 min (4,0 U_0)	25,4	50,8	76,0	No Failure or Flashover
A.C. withstand 5 min (4,5 U_0)	28,6	57,2	85,5	No Failure or Flashover
Impulse (peak) Voltage (10+VE and 10-VE) - Before Thermal cycle	95	150	200	No Failure or Flashover
Impulse (peak) Voltage (10+VE and 10-VE) - After thermal cycle	95	150	200	No Failure or Flashover
Impact test (Ambient Temp)	PILC - 10M Ω XLPE - 1G Ω			No Failure or Flashover
Insulation resistance before and after test	PILC - 10M Ω XLPE - 1G Ω			No Failure or Flashover
Thermal Short circuit, Phase to Earth/Screen	10kA for 1 Sec			No Failure or Flashover



ASSWS76

Order Information - Joint Selection Guide

Example:

CMJ3/11X16/35

