

**GUARANTEED TECHNICAL PARTICULARS FOR INDOOR/OUTDOOR
TERMINATION & STRAIGHT THROUGH JOINT FOR 11KV(UE)/22KV(E)
HEAT SHRINKABLE TYPE**

Sr. No.	Particulars	11KV(UE)/22KV(E)
1.	Name of Manufacturer	M/s Raychem RPG Limited, Mumbai
2.	Brand	Raychem
3.	Applicable Standards	IS: 13573- Part 2, 2011
4.	Rated Voltage of Cable accessories	12.7/22 KV
5.	AC / DC Voltage Withstand (Dry)	57.1 kV AC for 5 minute / DC 50.8 kV for 15 min
6.	AC Voltage Withstand (Wet) (for Outdoor termination)	50.8 kV AC for 1 minute
7.	Partial Discharge (Temp of conductor at Ambient and elevated temp)	Less than 10 pC at 22kV @ ambient and at elevated temp
8.	Impulse Voltage (Temp of conductor at Ambient and elevated temp)	10 impulses of each polarity @125 kVp at Ambient and elevated temp
9.	Load Cycle test	Total cycle = 60 nos. Deration 8hr per cycle
	a. Each cycle heating duration	5 hours (maintain 2 hrs min as steady state)
	b. Temperature	100° C
	c. Cooling Duration	3 hours
	d. Continuous Phase to earth Voltage withstand	31.7kV
10.	Humidity Test	300 hours duration withstand at 15.8 kV AC
11.	Salt Fog Test	1000 hours duration withstand at 15.8 kV AC
12.	Thermal Short Circuit test	Two shots As per Cable cross section and material of conductor
13.	Dynamic Short circuit test	2.55 times the thermal short circuit current
14.	Method of Stress Control	Heat Shrinkable type
15.	Tubing's & Molded parts	Heat Shrinkable type
16.	Non Tracking material	Confirming as per ASTM D-2303
17.	Di-electric strength of insulating material	10 kV/mm min