

17JTS3 CW - 24JTS3 CW

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR UNARMoured THREE CORE POLYMERIC CABLES WITH COPPER WIRE OR COPPER TAPE SCREEN
Up to U_{max} 24 kV

APPLICATION

17-24JTS3 CW heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire or Cu tape screen, to accommodate either crimped or mechanical connectors.

TECHNICAL CHARACTERISTICS AND DESIGN

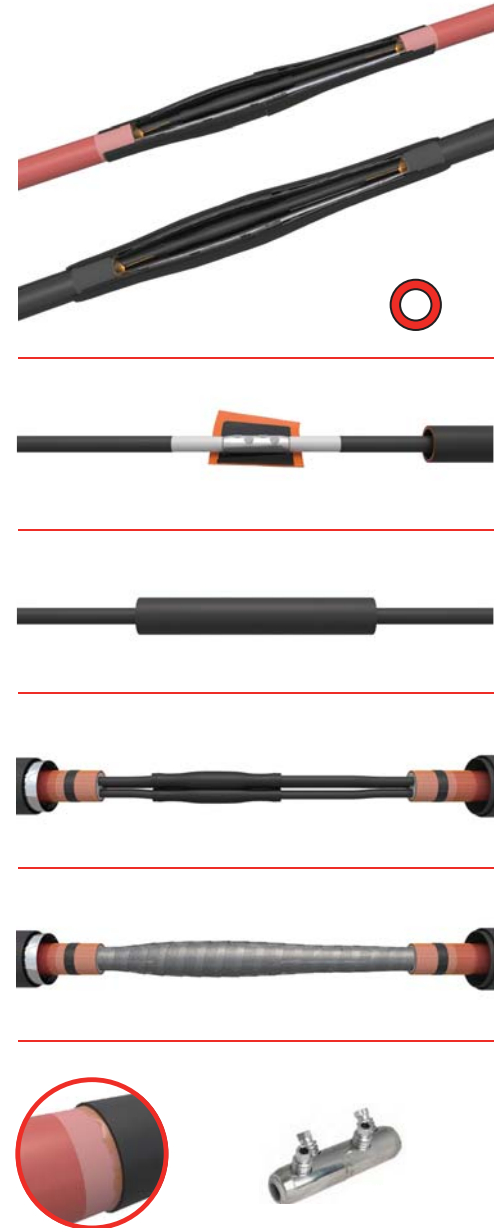
17-24JTS is the **NEW** high performance, compact and easy to install joint. A single body with all the electrical functions integrated!

The Nexans "TRIPLE GT125" is an integrated stress control field, insulating and conductive tube, which can withstand high voltage applications up to 24kV.

A double layer pad with conductive rubber inside and HK orange mastic outside ensure a Faraday cage and smooth the effect of the electrical field and of the voltage gradient in the connector area.

The electrical continuity of the screen is ensured with a standard metallic tape plus earthing ferrules (**CW type**) while for tape screen an additional earthing braid is provided (**AW type**).

The outer sheath is restored with heavy/medium wall adhesive lined tubing. Vapor barrier protection available upon request (VS). MC types are supplied with "Nexans GPH" mechanical connectors.



Um kV	Type	Section range (mm ²)	Length L (mm)	DOI Insulation (mm)	DOE Outer (mm)
12/17,5	17JTS3.95CW	25+95	1200	12-24	38-66
12/17,5	17JTS3.240CW	70+240	1200	16-32	46-80
12/17,5	17JTS3.300CW	95+300	1400	18-34	52-86
12/17,5	17JTS3.400CW	185+400	1400	22-38	62-94
24	24JTS3.95CW	25+95	1200	18-28	46-72
24	24JTS3.240CW	70+240	1400	20-36	48-88
24	24JTS3.300CW	95+300	1400	22-38	54-92
24	24JTS3.400CW	185+400	1600	24-40	68-96

- **17JTS** type tested with BIL at 95 kV, PD at 2U_o (≤ 10 pC)
- **24JTS** type tested with BIL at 150 kV, PD at 2U_o (≤ 10 pC)

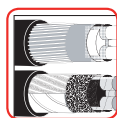
Specifications and Standards
CENELEC HD 629.1 S2
IEC 60502-4



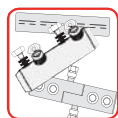
For other cable types please contact our sales office.



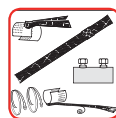
Please contact our sales office when inquiring joints for same type cables with different cross sections.



Various earth connection design solutions exist for armoring. For exact details contact our sales office.



Design accommodates various connector/ferrule types.



Various earth for connection kits are available for screen connection. For exact details contact our sales office.