

## **36JTS3 CW - 42JTS3 CW**

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR UNARMOURED THREE CORE POLYMERIC CABLES WITH COPPER WIRE OR COPPER TAPE SCREEN Up to Umax 42 kV

## **APPLICATION**

**36-42JTS3 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**

**36-42JTS** is the **NEW** high performance, compact and easy to install joint. Double bodies with all the electrical functions integrated!

The Nexans **36-42JTS** is an integrated coextruded "stress control field + insulating" nested in a coextruded "insulating + conductive" tube, which can withstand high voltage applications up to 42kV

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 achieved 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	Туре	Section range (mm²)	Length L (mm)	DOI Insulation (mm)	DOE Outer (mm)
36	36JTS3.95CW	25÷95	1400	18-32	64-92
36	36JTS3.240CW	70÷420	1600	24-38	66-112
36	36JTS3.300CW	95÷300	1600	26-40	70-118
36	36JTS3.400CW	185÷400	1800	28-44	80-132
42	42JTS3.95CW	25÷95	1400	20-34	64-94
42	42JTS3.240CW	70÷420	1600	26-42	66-114
42	42JTS3.300CW	95÷300	1600	28-46	70-122
42	42JTS3.400CW	185÷400	1800	32-48	80-136

- 36JTS type tested with BIL at 200 kV



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.















Specifications and Standards CENELEC HD 629.1 S3 IEC 60502-4

