

H07Z1-U type2

CPR Cca-s1b,d1,a1

Model Product: 264 - 20180212



Rigid class 1 red copper conductor.
Thermoplastic Insulation, T17 quality.

STANDARDS

CEI EN 50525-3-31(IEC 60227-3)
EN 50575:2014 + EN 50575/A1:2016

Accordingly to the standards BT 2014/35/UE- 2011/65/EU (RoHS 3)

SINGLE CORE, HALOGEN-FREE THERMOPLASTIC INSULATED WITHOUT SHEATH CABLE, WITH LOW SMOKE AND CORROSIVE GAS EMISSION L.S.O.H

Nominal voltage U0: 450 V

Nominal voltage U: 750 V

Test voltage: 2500 V

Maximum operating temperature: +70°C

Maximum short circuit temperature: +160°C

Minimum installation and laying temperature: +5°C

Min. operating temperature (without mechanical shocks): -10°C

Minimum installation and laying temperature: +5°C

COMMON FEATURES

Installation in surface mounted or embedded conduits, or similar closed systems, particularly for situations in which low emission of smoke and corrosive gases are required in the case of burning.

Type 2 cables are for use when special fire performance is necessary, or when local conditions or regulations require increased level of public safety (for example in hospitals, cinemas or schools). Especially suitable for use where cables are installed in bunches. Suitable for fixed protected installation in, or on, lighting and control gear for voltage up to 1000V a.c. or up to 750V d.c. to earth. Supply of electricity and communications in buildings

and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.

EMPLOYMENT

Minimum bending radius per D cable diameter (in mm):

Fixed lay= 4D Free move=2D

Maximum pulling stress: 50 N/mm²

PACKING

100mt. rings in thermoplastic film or drums to agree.

CORE COLOURS

Single core: Black, brown, light blue, grey, red, white, yellow/green, orange, pink, turquoise.

INK MARKING

GENERAL CAVI -Cca-s1b,d1,a1 IEMMEQU <HAR> - H07Z1-U Type 2 - year

NOTE

Maximum storage temperature: +40°C.

Conductor Number (N°)	Cross section (mm ²)	Maximum conductor diameter (mm)	Insulation thickness (mm)	External diameter		Electric resistance at 20°C (Ohm/km)	Approx cable weight (kg/km)	Current carrying capacities in air 30°C (A)
				Minimum (mm)	maximum (mm)			
Single core								
1x	1.5	1.6	0.7	2.6	3.2	12.1	21	15.5
1x	2.5	2.0	0.8	3.2	3.9	7.41	33	21