



Technical attributes

Standards	EN 50288-7
Conductor material	Cu, bare
Conductor type	stranded
Conductor standard	BS EN 60228:2005
Conductor category	2
Core insulation	PE
Core colours	black/white, number-coded
Screening	Cu-tinned wire braiding + AL-PES tape + Cu-tinned drain wire (0,5 mm ²)
Outer sheath	PVC
Outer sheath colour	black or blue
Temperature range min., fixed installation	-30 °C
Temperature range max., fixed installation	+70 °C
Test voltage (core/core)	1500 V
Test voltage (core/screen)	1500 V
Operating voltage	300 V
Insulation resistance	5000 MΩ x km
Minimum bending radius	7,5 x cable-Ø

Description

Instrumentation cables for use in measurement, control and instrumentation engineering and in power plants and Industrial equipment control rooms for fixed installation in dry and damp rooms, outdoors, but not in the ground. A static screen protects the transmission circuits against outer electrical interferences. Maxi-terminal-point fit.

Note

EN 50288-7

- flame-retardant IEC/EN 60332-1-2, IEC 60332-3-24 (Cat C)
- Flammability temperature (FT) ISO4589-3 ann. A (min. +250 °C)
- Limiting oxygen index (LOI) ASTM D 2863 (min. 30 %)
- UV-resistant

Product table

product number	product name	Outer-Ø ca. [mm]	Weight ca. [kg]	Cu-weight [kg_km]	Outer sheath colour
01322001	RE-2Y(C)Yv-fl 1 x 2 x 0,75 bk Eca	6,40	61,00	19,40	black
01322002	RE-2Y(C)Yv-fl 1 x 2 x 0,75 bu Eca	6,40	61,00	19,40	blue
01322003	RE-2Y(C)Yv-fl 2 x 2 x 0,75 bk Eca	7,70	89,00	33,80	black
01322004	RE-2Y(C)Yv-fl 2 x 2 x 0,75 bu Eca	7,70	89,00	33,80	blue
01322005	RE-2Y(C)Yv-fl 8 x 2 x 0,75	15,10	281,00	120,20	black



Instrumentation cables - RE-2Y(C)Yv-fl
EN 50288-7

product number	product name	Outer-Ø ca. [mm]	Weight ca. [kg]	Cu-weight [kg_km]	Outer sheath colour
	bk Eca				
01322006	RE-2Y(C)Yv-fl 8 x 2 x 0,75 bu Eca	15,10	281,00	120,20	blue
01322009	RE-2Y(C)Yv-fl 2 x 2 x 1,30 bk Eca	7,30	115,00	54,90	black
01322010	RE-2Y(C)Yv-fl 2 x 2 x 1,30 bu Eca	7,30	115,00	54,90	blue
01322007	RE-2Y(C)Yv-fl 24 x 2 x 1,3 bk Eca	27,30	1022,00	604,00	black
01322008	RE-2Y(C)Yv-fl 24 x 2 x 1,3 bu Eca	27,30	1022,00	604,00	blue
01322011	RE-2Y(C)Yv-fl 1 x 2 x 0,5 bk Eca	53,00	14,60	6,00	black
01322012	RE-2Y(C)Yv-fl 1 x 2 x 0,5 bu Eca	53,00	14,60	6,00	blue
01322013	RE-2Y(C)Yv-fl 2 x 2 x 0,5 bk Eca	71,00	24,20	6,30	black
01322014	RE-2Y(C)Yv-fl 2 x 2 x 0,5 bu Eca	71,00	24,20	6,30	blue
01322015	RE-2Y(C)Yv-fl 4 x 2 x 0,5 bk Eca	107,00	43,40	7,20	black
01322016	RE-2Y(C)Yv-fl 4 x 2 x 0,5 bu Eca	107,00	43,40	7,20	blue
01322017	RE-2Y(C)Yv-fl 8 x 2 x 0,5 bk Eca	163,00	81,80	9,00	black
01322018	RE-2Y(C)Yv-fl 8 x 2 x 0,5 bu Eca	163,00	81,80	9,00	blue
01322019	RE-2Y(C)Yv-fl 12 x 2 x 0,5 bk Eca	231,00	120,20	10,80	black
01322020	RE-2Y(C)Yv-fl 12 x 2 x 0,5 bu Eca	231,00	120,20	10,80	blue
01322021	RE-2Y(C)Yv-fl 16 x 2 x 0,5 bk Eca	295,00	158,60	11,70	black
01322022	RE-2Y(C)Yv-fl 16 x 2 x 0,5 bu Eca	295,00	158,60	11,70	blue
01322023	RE-2Y(C)Yv-fl 24 x 2 x 0,5 bk Eca	423,00	235,40	13,60	black
01322024	RE-2Y(C)Yv-fl 24 x 2 x 0,5 bu Eca	423,00	235,40	13,60	blue
01322025	RE-2Y(C)Yv-fl 4 x 2 x 0,75 bk Eca	116,00	62,60	7,70	black
01322026	RE-2Y(C)Yv-fl 4 x 2 x 0,75 bu Eca	116,00	62,60	7,70	blue



Instrumentation cables - RE-2Y(C)Yv-fl
EN 50288-7

product number	product name	Outer-Ø ca. [mm]	Weight ca. [kg]	Cu-weight [kg_km]	Outer sheath colour
01322027	RE-2Y(C)Yv-fl 12 x 2 x 0,75 bk Eca	312,00	177,80	11,70	black
01322028	RE-2Y(C)Yv-fl 12 x 2 x 0,75 bu Eca	312,00	177,80	11,70	blue
01322029	RE-2Y(C)Yv-fl 16 x 2 x 0,75 bk Eca	375,00	235,40	12,60	black
01322030	RE-2Y(C)Yv-fl 16 x 2 x 0,75 bu Eca	375,00	235,40	12,60	blue
01322031	RE-2Y(C)Yv-fl 24 x 2 x 0,75 bk Eca	542,00	350,60	14,70	black
01322032	RE-2Y(C)Yv-fl 24 x 2 x 0,75 bu Eca	542,00	350,60	14,70	blue
01322033	RE-2Y(C)Yv-fl 1 x 2 x 1,3 bk Eca	81,00	29,90	7,00	black
01322034	RE-2Y(C)Yv-fl 1 x 2 x 1,3 bu Eca	81,00	29,90	7,00	blue
01322035	RE-2Y(C)Yv-fl 4 x 2 x 1,3 bk Eca	187,00	104,80	8,40	black
01322036	RE-2Y(C)Yv-fl 4 x 2 x 1,3 bu Eca	187,00	104,80	8,40	blue
01322037	RE-2Y(C)Yv-fl 8 x 2 x 1,3 bk Eca	338,00	204,60	10,80	black
01322038	RE-2Y(C)Yv-fl 8 x 2 x 1,3 bu Eca	338,00	204,60	10,80	blue
01322039	RE-2Y(C)Yv-fl 16 x 2 x 1,3 bk Eca	626,00	404,30	14,20	black
01322040	RE-2Y(C)Yv-fl 16 x 2 x 1,3 bu Eca	626,00	404,30	14,20	blue