



Instrumentation cables - RE-2Y(ST)Yv-fl

- flame-retardant IEC/EN 60332-1-2, IEC 60332-3-24 (Cat C)



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	AL-PES tape + tinned copper drain wire (0,5mm 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

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

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01314010	{RE-2Y(ST)Yv-fl 1 x 2 x 0,5 sw Eca}	45,00	15,00	6,00	black
01314011	{RE-2Y(ST)Yv-fl 1 x 2 x 0,5 bl Eca}	45,00	15,00	6,00	blue
01314001	{RE-2Y(ST)Yv-fl 2 x 2 x 0,5 sw Eca}	65,00	25,00	7,20	black
01314012	{RE-2Y(ST)Yv-fl 2 x 2 x 0,5 bl Eca}	65,00	25,00	7,20	blue
01314002	{RE-2Y(ST)Yv-fl 4 x 2 x 0,5 sw Eca}	124,00	45,00	10,60	black



Instrumentation cables - RE-2Y(ST)Yv-fl
 ● flame-retardant IEC/EN 60332-1-2, IEC 60332-3-24 (Cat C)

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01314025	{RE-2Y(ST)Yv-fl 4 x 2 x 0,5 bl Eca}	124,00	45,00	10,60	blue
01314023	{RE-2Y(ST)Yv-fl 8 x 2 x 0,5 sw Eca}	217,00	85,00	14,10	black
01314026	{RE-2Y(ST)Yv-fl 8 x 2 x 0,5 bl Eca}	217,00	85,00	14,10	blue
01314027	{RE-2Y(ST)Yv-fl 12 x 2 x 0,5 sw Eca}	298,00	115,00	17,00	black
01314028	{RE-2Y(ST)Yv-fl 12 x 2 x 0,5 bl Eca}	298,00	115,00	17,00	blue
01314029	{RE-2Y(ST)Yv-fl 16 x 2 x 0,5 sw Eca}	368,00	152,00	18,40	black
01314030	{RE-2Y(ST)Yv-fl 16 x 2 x 0,5 bl Eca}	368,00	152,00	18,40	blue
01314003	RE-2Y(ST)Yv-fl 20 x 2 x 0,5 Eca bk	397,00	210,00	18,10	black
01314031	{RE-2Y(ST)Yv-fl 24 x 2 x 0,5 sw Eca}	511,00	225,00	21,60	black
01314032	{RE-2Y(ST)Yv-fl 24 x 2 x 0,5 bl Eca}	511,00	225,00	21,60	blue
01314133	{RE-2Y(ST)Yv-fl 36 x 2 x 0,5 sw Eca}	502,00	370,00	23,20	black
01314006	{RE-2Y(ST)Yv-fl 1 x 2 x 0,75 sw Eca}	51,00	20,00	6,40	black
01314007	{RE-2Y(ST)Yv-fl 1 x 2 x 0,75 bl Eca}	51,00	20,00	6,40	blue
01314008	{RE-2Y(ST)Yv-fl 2 x 2 x 0,75 sw Eca}	77,00	35,00	7,70	black
01314013	{RE-2Y(ST)Yv-fl 2 x 2 x 0,75 bl Eca}	77,00	35,00	7,70	blue
01314014	{RE-2Y(ST)Yv-fl 4 x 2 x 0,75 sw Eca}	147,00	65,00	11,40	black
01314033	{RE-2Y(ST)Yv-fl 4 x 2 x 0,75 bl Eca}	147,00	65,00	11,40	blue
01314035	{RE-2Y(ST)Yv-fl 8 x 2 x 0,75 sw Eca}	266,00	117,00	14,40	black
01314036	{RE-2Y(ST)Yv-fl 8 x 2 x 0,75 bl Eca}	266,00	117,00	14,40	blue
01314037	{RE-2Y(ST)Yv-fl 12 x 2 x 0,75 sw Eca}	357,00	173,00	18,30	black
01314038	{RE-2Y(ST)Yv-fl 12 x 2 x 0,75 bl Eca}	357,00	173,00	18,30	blue
01314017	{RE-2Y(ST)Yv-fl 16 x 2 x 0,75 sw Eca}	496,00	245,00	21,20	black



Instrumentation cables - RE-2Y(ST)Yv-fl
 ● flame-retardant IEC/EN 60332-1-2, IEC 60332-3-24 (Cat C)

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01314034	{RE-2Y(ST)Yv-fl 16 x 2 x 0,75 bl Eca}	496,00	245,00	21,20	blue
01314039	{RE-2Y(ST)Yv-fl 24 x 2 x 0,75 sw Eca}	639,00	340,00	23,40	black
01314040	{RE-2Y(ST)Yv-fl 24 x 2 x 0,75 bl Eca}	639,00	340,00	23,40	blue
01314041	{RE-2Y(ST)Yv-fl 1 x 2 x 1 sw Eca}	60,00	25,00	6,80	black
01314042	{RE-2Y(ST)Yv-fl 1 x 2 x 1 bl Eca}	60,00	25,00	6,80	blue
01314043	{RE-2Y(ST)Yv-fl 2 x 2 x 1 sw Eca}	92,00	41,00	8,20	black
01314044	{RE-2Y(ST)Yv-fl 2 x 2 x 1 bl Eca}	92,00	41,00	8,20	blue
01314045	{RE-2Y(ST)Yv-fl 4 x 2 x 1 sw Eca}	175,00	77,00	12,10	black
01314046	{RE-2Y(ST)Yv-fl 4 x 2 x 1 bl Eca}	175,00	77,00	12,10	blue
01314047	{RE-2Y(ST)Yv-fl 8 x 2 x 1 sw Eca}	322,00	155,00	16,30	black
01314048	{RE-2Y(ST)Yv-fl 8 x 2 x 1 bl Eca}	322,00	155,00	16,30	blue
01314049	{RE-2Y(ST)Yv-fl 12 x 2 x 1 sw Eca}	452,00	230,00	19,70	black
01314050	{RE-2Y(ST)Yv-fl 12 x 2 x 1 bl Eca}	452,00	230,00	19,70	blue
01314004	{RE-2Y(ST)Yv-fl 16 x 2 x 1 sw Eca}	535,00	305,00	20,30	black
01314051	{RE-2Y(ST)Yv-fl 16 x 2 x 1 bl Eca}	535,00	305,00	20,30	blue
01314052	{RE-2Y(ST)Yv-fl 24 x 2 x 1 sw Eca}	804,00	455,00	25,20	black
01314053	{RE-2Y(ST)Yv-fl 24 x 2 x 1 bl Eca}	804,00	455,00	25,20	blue
01314015	{RE-2Y(ST)Yv-fl 1 x 2 x 1,3 sw Eca}	69,00	31,00	7,40	black
01314016	{RE-2Y(ST)Yv-fl 1 x 2 x 1,3 bl Eca}	69,00	31,00	7,40	blue
01314129	{RE-2Y(ST)Yv-fl 1 x 3 x 1,3 sw Eca}	86,00	42,40	7,60	black
01314130	{RE-2Y(ST)Yv-fl 1 x 3 x 1,3 bl Eca}	86,00	42,40	7,60	blue
01314019	{RE-2Y(ST)Yv-fl 2 x 2 x 1,3 sw Eca}	110,00	57,00	8,60	black



Instrumentation cables - RE-2Y(ST)Yv-fl
 ● flame-retardant IEC/EN 60332-1-2, IEC 60332-3-24 (Cat C)

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01314020	{RE-2Y(ST)Yv-fl 2 x 2 x 1,3 bl Eca}	110,00	57,00	8,60	blue
01314021	{RE-2Y(ST)Yv-fl 4 x 2 x 1,3 sw Eca}	212,00	109,00	13,10	black
01314022	{RE-2Y(ST)Yv-fl 4 x 2 x 1,3 bl Eca}	212,00	109,00	13,10	blue
01314024	{RE-2Y(ST)Yv-fl 8 x 2 x 1,3 sw Eca}	382,00	197,00	17,40	black
01314054	{RE-2Y(ST)Yv-fl 8 x 2 x 1,3 bl Eca}	382,00	197,00	17,40	blue
01314131	{RE-2Y(ST)Yv-fl 12 x 2 x 1,3 sw Eca}	498,00	304,00	19,00	black
01314132	{RE-2Y(ST)Yv-fl 12 x 2 x 1,3 bl Eca}	498,00	304,00	19,00	blue
01314018	{RE-2Y(ST)Yv-fl 16 x 2 x 1,3 sw Eca}	727,00	421,00	24,30	black
01314055	{RE-2Y(ST)Yv-fl 16 x 2 x 1,3 bl Eca}	727,00	421,00	24,30	blue
01314056	{RE-2Y(ST)Yv-fl 24 x 2 x 1,3 sw Eca}	984,00	581,00	27,30	black
01314057	{RE-2Y(ST)Yv-fl 24 x 2 x 1,3 bl Eca}	984,00	581,00	27,30	blue
01314009	{RE-2Y(ST)Yv-fl 1 x 2 x 1,5 sw Eca}	211,00	33,00	12,80	black
01314058	{RE-2Y(ST)Yv-fl 1 x 2 x 1,5 bl Eca}	211,00	33,00	12,80	blue
01314059	{RE-2Y(ST)Yv-fl 2 x 2 x 1,5 sw Eca}	118,00	61,00	8,80	black
01314060	{RE-2Y(ST)Yv-fl 2 x 2 x 1,5 bl Eca}	118,00	61,00	8,80	blue
01314061	{RE-2Y(ST)Yv-fl 4 x 2 x 1,5 sw Eca}	233,00	117,00	13,70	black
01314062	{RE-2Y(ST)Yv-fl 4 x 2 x 1,5 bl Eca}	233,00	117,00	13,70	blue
01314063	{RE-2Y(ST)Yv-fl 8 x 2 x 1,5 sw Eca}	413,00	230,00	18,00	black
01314064	{RE-2Y(ST)Yv-fl 8 x 2 x 1,5 bl Eca}	413,00	230,00	18,00	blue
01314065	{RE-2Y(ST)Yv-fl 12 x 2 x 1,5 sw Eca}	585,00	341,00	21,90	black
01314066	{RE-2Y(ST)Yv-fl 12 x 2 x 1,5 bl Eca}	585,00	341,00	21,90	blue
01314067	{RE-2Y(ST)Yv-fl 16 x 2 x 1,5 sw Eca}	741,00	453,00	23,70	black



Instrumentation cables - RE-2Y(ST)Yv-fl
 ● flame-retardant IEC/EN 60332-1-2, IEC 60332-3-24 (Cat C)

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01314068	{RE-2Y(ST)Yv-fl 16 x 2 x 1,5 bl Eca}	741,00	453,00	23,70	blue
01314069	{RE-2Y(ST)Yv-fl 24 x 2 x 1,5 sw Eca}	1073,00	677,00	28,20	black
01314070	{RE-2Y(ST)Yv-fl 24 x 2 x 1,5 bl Eca}	1073,00	677,00	28,20	blue

