

Introducing **EBXL WIRES**



**JAPANESE,
ENGINEERED FOR
SAFETY**



Highest Flame Retardancy
(33% Oxygen Index)



100X Insulation Resistance vs Indian Standard



95% Visibility in Event of Fire



100% Imported Japanese Copper



EBXL WIRES

Enhanced Temperature Range

Performance up to 135°C.



Improved Mechanical Properties

EBXL technology makes product more robust and reliable for mechanical stress and environmental stress.



Higher Short Circuit Temperature

EBXL wires can withstand higher temperature during short circuit up to 300°C.



RoHS

RoHS Compliance

Product is designed considering safety of environment as well as end user.



High Current Carrying Capacity

Enhance temperature rating will also enhanced current carrying capacity of wires up to 75% more than normal PVC wire.



Reduced Smoke and Halogen Emission

Wire is designed for low smoke for better visibility, halogen-free for enhance safety in case of fire.



Flame Retardancy

Product offers excellent FR properties for safety in fire prone situations.

Nominal cross sectional area of conductor	Number/maximum Dia. of individual strand	Class of conductor	Thickness of insulation** (Nom.)	Maximum overall diameter**	DC resistance* (Max) at 20°C	Current carrying capacity - 2 cables single phase***	
						In conduit trunking amp (2 cable single phase AC or DC)	Unenclosed clipped direct to a surface or on cable trays amp (2 cable single phase AC or DC)
Sq. mm	No./mm	-	mm	mm	Ohm/km	Amp (Minimum)	Amp (Minimum)
0.75	24/0.2	Class 5	0.6	2.8	26.00	15	18
1.00	32/0.2	Class 5	0.6	3.0	19.50	21	24
1.50	32/0.25	Class 5	0.6	3.4	13.30	24	26
2.50	48/0.25	Class 5	0.7	4.1	7.98	34	40
4.00	56/0.3	Class 5	0.8	4.8	4.95	46	54
6.00	80/0.3	Class 5	0.8	5.3	3.30	56	75

* Disclaimer: Current carrying capacity in accordance with IS 3961(Part-5), reported value is as per tested results. The above data is for reference purpose. Satisfactory performance of the product is subjected to correct application, *as per IS 8130, **as per IS 17048, ***as per IS 3961 (P5)

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