



Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.
- ✓ Especially used for circuits requiring heat resistance.

Features

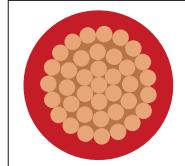
- ✓ Flame retardant.
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ RoHS.

Product Construction

- ✓ Conductor : Bare copper conductor, (Symmetrical structure A).
- ✓ Insulation : Fluorinated Ethylene Propylene. (Reduced wall thickness).
- ✓ Color : As per customer order.

Automotive
Cables R6Y

2D View



Technical Data

- ✓ Temperature Range : -40°C to 200°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Standard : ISO 19642-3

Approvals	Accreditations	Certifications
**		

Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable Overall Diameter		Weight Approx.	Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Max.		Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D21405XX	0.35	7	0.27	0.9	0.20	1.2	1.4	5	54.4	14	500
D21406XX	0.50	19	0.19	1.1	0.22	1.4	1.6	6	37.1	19	500
D21408XX	0.75	19	0.27	1.3	0.24	1.7	1.9	10	24.7	24	500
D21410XX	1.00	19	0.33	1.5	0.24	1.9	2.1	13	18.5	29	500
D21413XX	1.50	19	0.33	1.8	0.24	2.2	2.4	18	12.7	38	500
D21414XX	2.00	19	0.38	2.0	0.28	2.5	2.8	21	9.42	46	500
D21416XX	2.50	37	0.30	2.2	0.28	2.7	3.0	29	7.60	53	500
D21417XX	3.00	37	0.34	2.4	0.32	3.1	3.4	34	6.15	61	500
D21419XX	4.00	37	0.38	2.8	0.32	3.4	3.7	44	4.71	72	500
D21423XX	6.00	37	0.45	3.4	0.32	4.0	4.3	64	3.14	88	500

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

✓ * Other length as per Customer order.

✓ Current Carrying capacity given is for the maximum conductor operating temperature of 200°C and ambient temperature of 40°C.

✓ ** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.

