H03VH-H

CU/PVC

DESIGN STANDARDS

HRN HD 21.5 S3
BS 6004
DIN VDE 0281 part 5

Flat, non-sheathed cord

Construction

Conductor: bare copper conductor, fine wired stranded, class 5. acc. to IEC 60228 / HD 383 / DIN VDE 0295

Insulation: PVC compound TI2 acc. to DIN VDE 0207 4. part / HD 21.1 S4, flat shaped insulation with both-sides central groove for easy separation of conductors

possible insulation colours:

Technical data

Temperature range:

Operating temperature:	+5 °C up to +40 °C
at short circuit of max. 5 s:	up to 150 °C
ambient temperature at storage:	up to 40 °C
Nominal voltage:	Uo/U = 300/300 V
Test voltage:	2000 V
Minimal inner bending radius:	5D
Behavior in fire:	IEC 60332-1

APPLICATION

Highly flexible cable for dry areas, used for connection of small mobile devices, requiring special flexibility in conditions free of any mechanical stresses. Permitted frequent bending, but no twisting. Suitable for radios, desk lamps, electric razors and similar household or office devices, as long as the cable is adapted to essential specifications of the device. Not suitable for cookers and hot devices. Fixed cable connection to the device or by means of a small plug. Cable ends must be provided with inseparable plugs additionally protected by rubber or thermoplastic insertion. Cable length must not exceed 2 m.

Code NR	conductor cross-section	Construction of individual conductor	Outer dimension	Insulation thickness	Conductor resistance at 20 °C	Cable weight	Packing*
	mm²	nominal n x mm	min-max. mm	nominal mm	max Ω/km	approx. kg/km	
10250	0.5	16 x 0,19	2.6x5.2	0.8	39	22	c.100, c.200
10275	0.75	24 x 0,195	2.8x5.6	0.8	26	28	c.100, c.200

*)Packing: c.100 = coil 100 m, c.200 = coil 200 m CUT= cable in different lengths on drum or reel, possible cutting at required