

DATA SHEET

Equipment Wire / stranded hook-up wire PVC bare flexible

Multinorm Wiring cables

LiY 0,50 mm²/ (H)05V-K 0,50 mm²

Acc. VDE 0812 and EN 60228 Cl. 5

DIN EN 50525-2-31 (VDE 0285-525-2-31)

WIRE CONSTRUCTION	Flexible annealed copper wire conductor 16 wires x 0,20 mm acc. EN 60228 class 5
SINGLE WIRE	0,20 mm
MATERIAL	Soft-annealed bare electrolytic copper E-Cu ETP1 acc. EN 13602
COPPER WEIGHT	4,8 kg / 1000 m
DIAMETER OF CONDUCTOR	max. 1,1mm
INSULATION	Soft-PVC YI2 acc. DIN VDE 0207-4 and TI1 acc. EN 50363-3 Shore A 90 ±2
FLAME RETARDANT	PVC self-extinguishing and flame retardant acc. EN 60332-1-2
INSULATION DIAMETER	2,0 mm ±0,3 mm / thickness nom. 0,4mm
TEMPERATURE RANGE	moved -10 to +85°C (>3.000 h) unmoved -40 to +85°C (>3.000 h); permanent +70°C VDE
INSULATION DC RESISTANCE	min. 20 MΩ x km acc. VDE 0812
SERVICE VOLTAGE	max. 900 V acc. VDE 0812
TESTING VOLTAGE	max. 2500 V acc. VDE 0812
CURRENT RATING	max. 5 A at 20°C
ELECTRICAL RESISTANCE CONDUCTOR	max. 38,2 Ω / km acc. VDE 0812 at 20°C
WEIGHT	ca. 7,5 kg/1.000m
CONFORMITY	RoHS and REACH