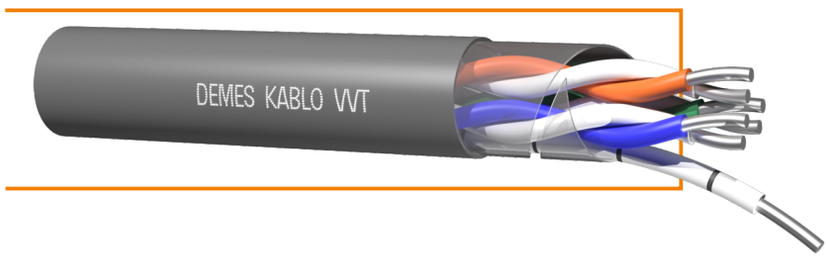


VVT

CONSTRUCTION

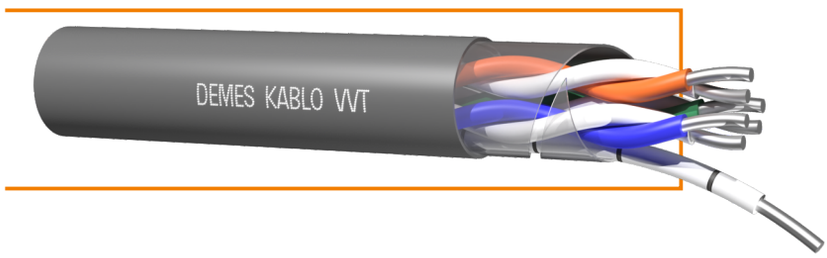
CONDUCTOR	Solid Tinned Copper Conductor
INSULATION	LSZH Compound
SEPERATOR	Polyester Tape
SHEATH	LSZH Compound

PHYSICAL&ELECTRICAL CHARACTERISTICS

MAX. CONDUCTOR TEMPERATURE DURING SHORT CIRCUIT	250°C
NOMINAL VOLTAGE	150 V
OPERATING TEMPERATURE	-40°C ... +90°C
MINUMUM BENDING RADIUS	10 X D

FIRE PERFORMANCE CHARACTERISTICS

FLAME RETARDANT	IEC 60332-1
NO FLAME PROPAGATION	IEC 60332-3-24
HALOGEN-FREE	IEC 60754-1, VDE 0482 P267-2-1, DIN EN50267-2-1
NO CORROSIVE GASES	IEC 60754-2, VDE 0482 P267-2-2, DIN EN 50267-2-2
LOW SMOKE EMISSION	IEC 61034-1/-2, VDE 0482 P268-1/-2, DIN EN 50268-1/-2



VVT

OTHER CHARACTERISTICS

UV RESISTANCE	ISO 4892-2 / ISO 4892-3
WATER RESISTANCE	AD7
OIL RESISTANCE	ASTM NO: 2 (4 hours 70°C)
HYDROCARCON RESISTANCE	NF-M87-202 (Aliphatic Hydrocarbon)

DIMENSIONS

TECHNICAL DATA

Number of cores x nominal contuctor diameter (mm2)	Approx. outside diameter (mm)	Approx. weight (kg/km)
1x2x0.6	5.0	27
2x2x0.6	5.6	37
3x2x0.6	6.2	46
4x2x0.6	6.7	55
6x2x0.6	7.5	72
8x2x0.6	8.2	88
10x2x0.6	8.8	111
12x2x0.6	9.4	127
14x2x0.6	9.9	143
20x2x0.6	11.2	190
26x2x0.6	12.6	245
30x2x0.6	13.2	275
40x2x0.6	15.0	358
50x2x0.6	16.5	435
100x2x0.6	22.5	850