

SPECIFICATION

KANSAI TSUSHIN DENSENCO., LTD.

MODEL	EM-10D-FB	
APPLICATION	NON-SMOKE, HALOGEN FREE PE JACKET CABLE	
CONSTRUCTION	UNITS	
INNER CONDUCTOR NUMBER & WIRE DIAMETER OUTER DIAMETER	No / mm mm	AC 1 / 3.5 ± 0.04 3.5
INSULATION STANDARD THICKNESS MINIMUM THICKNESS OUTER DIAMETER COLOR	mm mm mm	PEF 3.25 2.60 10.0 NATURAL
OUTER CONDUCTOR PE-ALUMINUM LAMINATE TAPE THICKNESS WIDTH BRAIDING WIRE DIAMETER THREAD & CARRIER PITCH OUTER DIAMETER	mm mm mm (less than) mm mm	TINED COPPER BRAID OVER ALUMINUM TAPE 0.051 38 0.20 7 & 24 60 11.0
SHEATH THICKNESS OUTER DIAMETER COLOR OVER ALL DIAMETER	mm mm mm	HALOGEN FREE POLYETHYLEN 1.0 13.0 BLACK 13.0
MARKING & MARKING COLOR <i>EM-10D-FB</i> KANSAI TSUSHIN DENSEN		WHITE MADE IN JAPAN
ELECTRICAL PROPERTIES		
MAXIMUM CONDUCTOR RESISTANCE (20°C) TEST VOLTAGE DIELECTRIC STRENGTH ELECTROSTATIC CAPACITY (1 kHz) IMPEDANCE STANDARD ATTENUATION	Ω / km V / min kV·rms nF / km Ω dB / km dB / km dB / km dB / km dB / km dB / km	1.83 1000 1000 86 50 ± 2 32 40 70 113 135 155
	100MHz 150MHz 400MHz 900MHz 1200MHz 1500MHz	

REMARK: 1. MAX ATTENUATION IS 115% OF STANDARD ATTENUATION.

2. APPROXIMATE WEIGHT. 235KG/KM.

3. DENSITY of SMOKE : less than 150. pH3.5 or above.