

# SPECIFICATION

KANSAI TSUSHIN DENSENCO., LTD.

MODEL	<b>8D-SFA</b>	
APPLICATION	PHS TRANSMISSION CABLE	
CONSTRUCTION	UNITS	
INNER CONDUCTOR		AC
NUMBER & WIRE DIAMETER	No / mm	1 / 3.00 ± 0.03
OUTER DIAMETER	mm	3
INSULATION		HF
STANDARD THICKNESS	mm	2.4
MINIMUM THICKNESS	mm	1.92
OUTER DIAMETER	mm	7.8
COLOR		WHITE
OUTER CONDUCTOR	COPPER WIRE BRAID OVER COPPER FOIL TAPE	
PE-ALUMINUM LAMINATE TAPE		
THICKNESS	mm	0.051
WIDTH	mm	27
BRAIDING WIRE DIAMETER	mm	0.18
THREAD & CARRIER		5 & 24
PITCH	(less than) mm	50
OUTER DIAMETER	mm	8.8
SHEATH		PE
THICKNESS	mm	1.15
OUTER DIAMETER	mm	11.1
COLOR		BLACK
OVER ALL DIAMETER	mm	11.1
MARKING & MARKING COLOR		WHITE
<b>8D-SFA</b>	<b>KANSAI TSUSHIN DENSEN</b>	<b>MADE IN JAPAN</b>
<b>ELECTRICAL PROPERTIES</b>		
MAXIMUM CONDUCTOR RESISTANCE (20°C)	Ω / km	2.51
TEST VOLTAGE	V / min	1000
DIELECTRIC STRENGTH	kV-rms	1000
ELECTROSTATIC CAPACITY (1 kHz)	nF / km	83
IMPEDANCE	Ω	50 ± 2
STANDARD ATTENUATION		
100MHz	dB / km	32.4
150MHz		40
200MHz		47
400MHz		70
900MHz		110
1300MHz		140
1900MHz		167
2400MHz		191
3000MHz		218

REMARK : 1. MAX ATTENUATION IS 115% OF STANDARD ATTENUATION  
 2. APPROXIMATE WEIGHT. 148KG/KM.