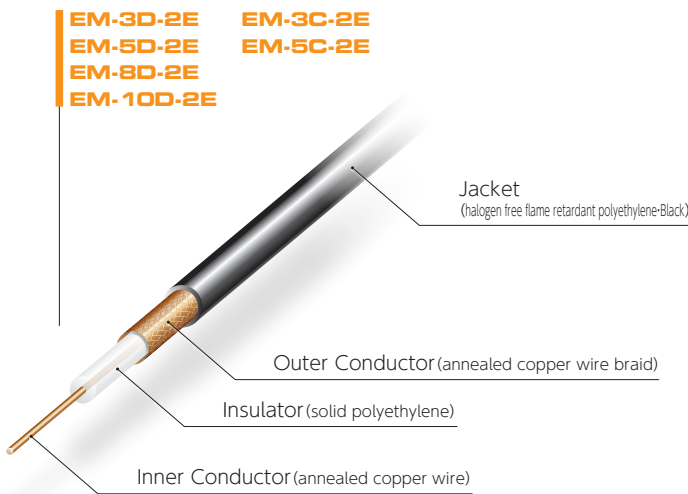


Eco coaxial cable



Features:

- High quality solid polyethylene or Low loss foamed polyethylene or highly foamed polyethylene is adopted in insulation
- Good V.S.W.R. over wide wave range
- Flame retardant property satisfies JIS C3005 flame retardant test(60°inclination)
- Compliance to RoHS

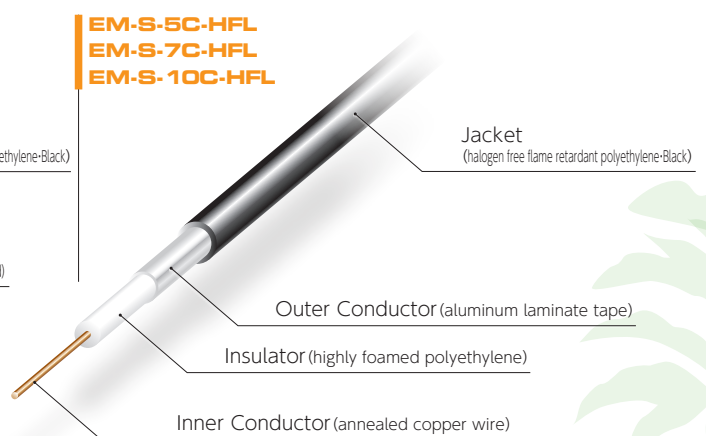
Applications:

50Ω

- Interior wiring for radio communication
- Personal radio, MCA, AVM and amateur radio
- Wiring between or inside high frequency transmission equipment
- Interior wiring of ordinary housings

75Ω

- TV receivers and related equipment
- Interior wiring of ordinary housings
- Antenna feeder lines
- Wiring between or inside high frequency equipment



Construction

Model	Inner Conductor Construction [Nos./mm]	Insulator Diameter [mm]	Outer Conductor 1 Tape Material	Outer Conductor 1 Construction [mm/Nos.]	Outer Conductor 2 Construction [mm/Nos.]	Jacket O.D. [mm]	Approx.wt. [kg/km]
EM-3D-2E	1/0.9	3.0	—	0.12/5/24	—	5.3±0.5	45
EM-5D-2E	1/1.4	4.8	—	0.12/7/24	—	7.3±0.5	75
EM-8D-2E	7/0.8	7.8	—	0.18/8/24	—	11.0±0.3	185
EM-10D-2E	1/2.9	9.7	—	0.20/10/24	—	13.1±0.5	270
EM-5D-FB	1/1.8	5.0	double sided aluminum laminated plastic tape	—	0.14/6/16*	7.7±0.3	78
EM-8D-FB	1/2.8	7.8	double sided aluminum laminated plastic tape	—	0.18/5/24	11.0±0.4	160
EM-10D-FB	1/3.5	10.0	double sided aluminum laminated plastic tape	—	0.20/7/24	13.1±0.5	230
EM-3C-2E	1/0.5	3.1	—	0.14/5/24	—	5.4±0.5	46
EM-5C-2E	1/0.8	4.9	—	0.14/7/24	—	7.4±0.5	70
EM-S-5C-FB	1/1.05	5.0	double sided aluminum laminated plastic tape	—	0.14/4/24*	7.7±0.5	55
EM-S-7C-FB	1/1.5	7.3	double sided aluminum laminated plastic tape	—	0.18/5/24*	10.2±0.5	97
EM-S-5C-HFL	1/1.2	5.0	aluminum laminate tape	—	—	7.7±0.3	57
EM-S-7C-HFL	1/1.8	7.3	aluminum laminate tape	—	—	10.0±0.5	90
EM-S-10C-HFL	1/2.4	9.4	aluminum laminate tape	—	—	12.9±0.7	145

*Braid structure : different pitch construction is available

Friendly to People, Nature and the Global Environment SHIKOKU's Eco Cables

ECOLOGY

Environmentally friendly materials containing neither lead nor halogen are used.

SAFETY

No toxic gases are generated even when the cable is burned.

RECYCLE

Materials that can be easily recycled are used.

Electrical Characteristics

Model	Characteristic Impedance [Ω]	Capacitance 1 kHz [nF/km]	Conductor Resistance 20°C [Ω/km]	Dielectric Withstand Voltage [ACV/min.]	Insulation Resistance [MΩkm]	Std. Attenuation [dB/km]
EM-3D-2E	50±2	102±4	max. 28.2	1000	min.1000	
EM-5D-2E	50±2	100±4	max. 11.7	1000	min.1000	
EM-8D-2E	50±2	100±4	max. 5.13	1000	min.1000	
EM-10D-2E	50±2	102±4	max. 2.67	1000	min.1000	
EM-5D-FB	50±2	83±4	max. 7.04	1000	min.10000	
EM-8D-FB	50±2	83±4	max. 2.88	1000	min.10000	
EM-10D-FB	50±2	84±4	max. 1.83	1000	min.10000	Please refer to the page of the PVC
EM-3C-2E	75±3	67±3	max. 91.4	1000	min.1000	
EM-5C-2E	75±3	67±3	max. 35.9	1000	min.1000	
EM-S-5C-FB	75±3	55±3	max. 21.1	1000	min.1000	
EM-S-7C-FB	75±3	55±3	max. 10.4	1000	min.1000	
EM-S-5C-HFL	75±3	50±3	max. 16.6	1000	min.1000	
EM-S-7C-HFL	75±3	50±3	max. 7.2	1000	min.1000	
EM-S-10C-HFL	75±3	50±3	max. 4.0	1000	min.1000	