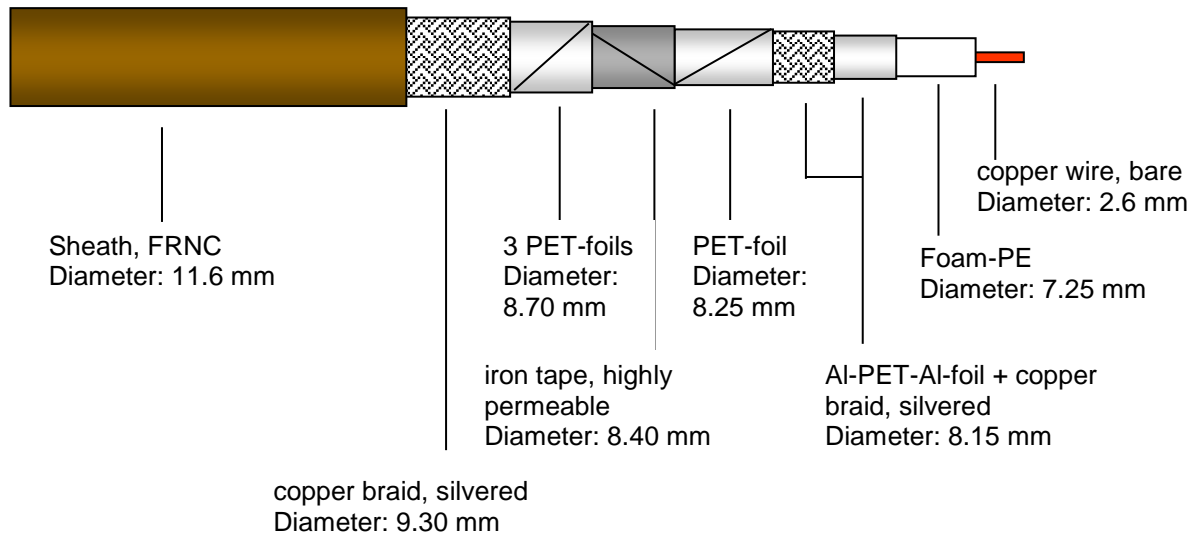


S-02YS(St)C(mS)CH 2.6/7.3 - CKC50



Construction

		S-02Y(St)C(mS)CH 2.6/7.3
		CKC50
Inner conductor		copper wire, bare
	mm	2.6
Insulation		Foam-PE
	mm	7.25
Outer conductor 1		Al-PET-Al-foil + copper braid, silvered
Wrapping		PET-foil
Magn. Screen		1 layer of iron tape, highly permeable
Wrapping		3 PET-foils
Outer conductor 2		copper braid, silvered
Sheath		FRNC (Flame Retardant Non Corrosive Copolymer)
	mm	11.6
	Colour	brown RAL 8017
	Marking	DRAKA COMTEQ, manufacturing year CKC50, meter marking and batch number

Technical data

Product code	Designation	Type	Brand name	Outer diameter mm	Weight approx. kg/km	Standard-delivery-length m	Drum size OWD	Gross weight kg	Copper content	Tensile force N
60029819	S-02Y(St)C(mS)CH	2.6/7.3 FRNC	CKC50	11.5	243	1000	900x450 x560	290	139.4	730

S-02YS(St)C(mS)CH 2.6/7.3 - CKC50

Electrical properties

		S-02Y(St)C(mS)CH 2.6/7.3	
		CKC50	
DC resistance			
Inner conductor	Ω/km	3.3	
Outer conductor 1	Ω/km	4.0	
Outer conductor 2	Ω/km	4.8	
Mutual capacitance	pF/m	82	
Velocity ratio	%	80	
Characteristic impedance at			
200 MHz	Ω	50 ± 2	
Attenuation at			
1 MHz	$\text{dB}/100\text{m}$	nom. 0.4	≤ 0.44
10 MHz	$\text{dB}/100\text{m}$	nom. 1.3	≤ 1.43
100 MHz	$\text{dB}/100\text{m}$	nom. 4.2	≤ 4.62
200 MHz	$\text{dB}/100\text{m}$	nom. 6.0	≤ 6.6
Transfer impedance at			
10 kHz	$\text{m}\Omega/\text{m}$	nom. 0.8	≤ 1.0
100 kHz	$\text{m}\Omega/\text{m}$	nom. 0.150	≤ 0.180
1 MHz	$\text{m}\Omega/\text{m}$	nom. 0.06	≤ 0.08
10 MHz	$\text{m}\Omega/\text{m}$	nom. 0.2	≤ 0.250
100 MHz	$\text{m}\Omega/\text{m}$	nom. 2.0	≤ 2.5
Insulation resistance, inner conductor to outer conductor 1	$\text{G}\Omega\text{km}$	≥ 10	
Insulation resistance, outer conductor 1 to outer conductor 2	$\text{G}\Omega\text{km}$	≥ 5	
Test voltage, inner conductor to outer conductor 1	kV_{rms}	3.0	
Test voltage, outer conductor 1 to outer conductor 2	kV_{DC}	1.0	
Operating voltage, inner conductor to outer conductor 2	kV_{rms}	1.2	
Operating voltage, outer conductor 1 to outer conductor 2	V_{rms}	50	

[PRODUCT CODE TABLE]

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