



RG59 - SWA

BATT Part No:	49035
Application:	For communication and signal control systems
Conductor:	Bare Copper
Insulation:	Solid PE
Braiding:	Bare copper
Bedding:	PVC
Armour:	SWA
Jacket:	PVC
Conductor size:	0.58 ± 0.01
Stranded diameter:	0.58mm
Insulation thickness:	1.55
Insulation diameter:	3.70 ± 0.15
Insulation colour:	Natural
Braiding coverage:	>=80%
Jacket thickness:	0.80mm
Diameter	6.10 ± 0.80mm
Jacket colour:	Black
Armour diameter:	7.9
Jacket thickness:	1.40mm
Jacket diameter:	10.70 ± 0.15mm
Jacket colour:	Black
Max conductor DC resistance:	At 20°C: 71.8 Ω/km
Min insulation DC resistance:	At 20°C: 1000 MΩ*Km
Rated temperature:	-20°C to 80°C
Capacitance:	<70 pF/m
Velocity ratio:	66.7%
Impedance:	75 Ω +/- 3
Attenuation at 20°C:	dB/100m (+/- 10%)
	50 MHz 8.50
	100 MHz 11.80
	200 MHz 16.50
	450 MHz 26.00
	800 MHz 35.80
	860 MHz 37.20
	1000 MHz 39.50

RoHS Guideline:	Control item	Standard	Testing method	Testing equipment
	Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
	Lead content (Pb)	<0.01%	EPA3050B	ICP-AES
	Mercury content (Hg)	<0.01%	EPA3052	ICP-AES
	Chromium (VI) content	<0.01%	EPA3060(UN-VIS)	ICP-AES
	Polybrominated diphenyl Ether (PBDE)	Forbidden	GC/MS	-
	Polybrominated biphenyls (PBB)	Forbidden	GC/MC	-