

Product Technical Note

Cable Comparison of B1BCE-xx(A) with B1BCE-xx(B)-E
for
SGMGH-05A, SGMGH-09A, SGMGH-13A,
SGMSH-10A, SGMSH-15A, SGMSH-20A

Applicable Products: B1BCE-xx(A), B1BCE-xx(B)-E



Product: B1BCE-xx(A), B1BCE-xx(B)-E	Doc#: TN.SigmaII.06
Title: Cable Comparison of B1BCE-xx(A) with B1BCE-xx(B)-E for SGMGH-05A, SGMGH-09A, SGMGH-13A, SGMSH-10A, SGMSH-15A, SGMSH-20A	

ABSTRACT:

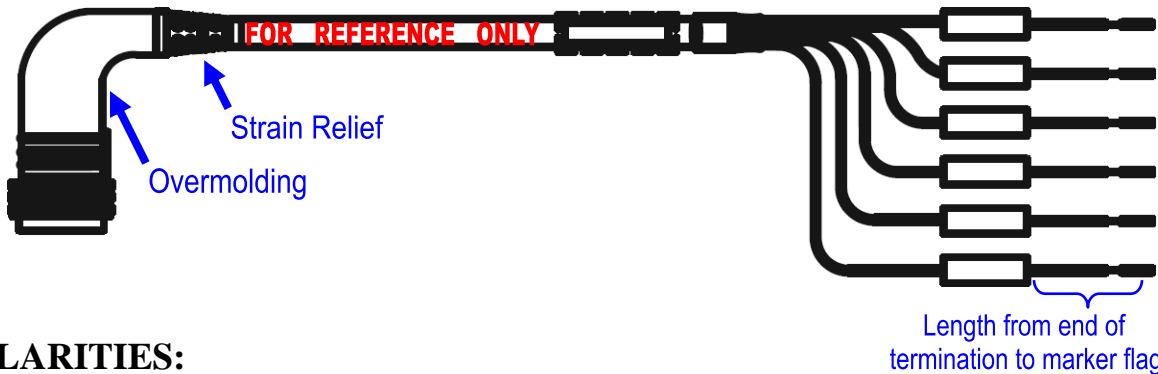
This document contains pertinent differences between the B1BCE-xx(A) and B1BCE-xx(B)-E cables (xx = 03, 05, 10).
 Note: B1BCE-15(B)-E and B1BCE-20(B)-E are not available products.

DIFFERENCES:

Cable Part Number	B1BCE-xx(A)	B1BCE-xx(B)-E
Available Lengths	3 m, 5m, 10m, 15m, 20m	3 m, 5m, 10m
Outer Diameter	14.7 mm	16.1 mm
Bend Radius	10x Outer Diameter (147 mm)	177.8 mm
Strain Relief ^{*1}	Sized to accommodate 14.7 mm	Sized to accommodate 16.1 mm
Shield	Foil + Spiral	Braided (85% coverage)
RoHS Compliance	Non-RoHS	RoHS
Conductor Color	12AWG: 3x Black, 1x Green 16AWG: 2x Black	12AWG: Red, Wht, Blk, Grn. 18AWG: Org, Blu
Length from termination to marker flag ^{*2}	16.2 mm	40.0 mm
Connector (Part Number)	CE05-6A20-15S-SD-B	CE05-6A20-15SD-D
Outer Jacket Material	Lapp Olflex PVC	James Monroe PVC
Raw Cable (Part Number)	(Custom) Lapp Olflex 811774	(Custom) James Monroe JM55582

Notes:

- *1: "Strain Relief" is shown in the reference drawing below.
- *2: "Length from end of termination to marker flag" is shown in the reference drawing below.



SIMILARITIES:

Outer Jacket Color	Black
Overmolding	L-Type Molded Backshell 95 Durometer PVC. Dimensions are the same.
Applicable Motors	All brake motors of models: SGMGH-05A*, SGMGH-09A*, SGMGH-13A*, SGMSH-10A*, SGMSH-15A*, SGMSH-20A*

Note: The similarities are not limited to the items listed in the table above.