

Product Technical Note

**Cable Comparison of BBCE-xx(A)
with BBCE-xx(B)-E
for
SGMGH-20A, SGMGH-30A, SGMGH-44A,
SGMSH/UH-30D, SGMSH/UH-40D, SGMSH-50D**

Applicable Product: BBCE-xx(A), BBCE-xx(B)-E

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Title: Technical Note: Cable Comparison of BBCE-xx(A) with BBCE-xx(B)-E for SGMGH-20A, SGMGH-30A, SGMGH-44A, SGMSH/UH-30D, SGMSH/UH-40D, SGMSH-50D	

ABSTRACT:

This document contains pertinent differences between the BBCE-xx(A) and BBCE-xx(B)-E cables (where xx = 03, 05, 10, 15, 20).

DIFFERENCES:

Cable Part Number	BBCE-xx(A)	BBCE-xx(B)-E
Outer Diameter	9.88 mm	14.0 mm
Bend Radius	10x Outer Diameter (98.8 mm)	10x Outer Diameter (140 mm)
Strain Relief ^{*1}	Inner diameter sized to accommodate 9.88 mm	Inner diameter sized to accommodate 14.0 mm
RoHS Compliance	Non-RoHS	RoHS
Conductor Color	3x Black, Green/Yellow	3x Red OR Black, Green/Yellow
Length from termination to marker flag ^{*2}	16.2 mm	40.0 mm
Connector (Part Number)	CE05-6A22-22SD-B	CE05-6A22-22SD-D
Raw Cable (Part Number)	(Custom) Lapp Olflex 811747	(Standard) Lapp Olflex 891404CY OR 8914044S

Notes:

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

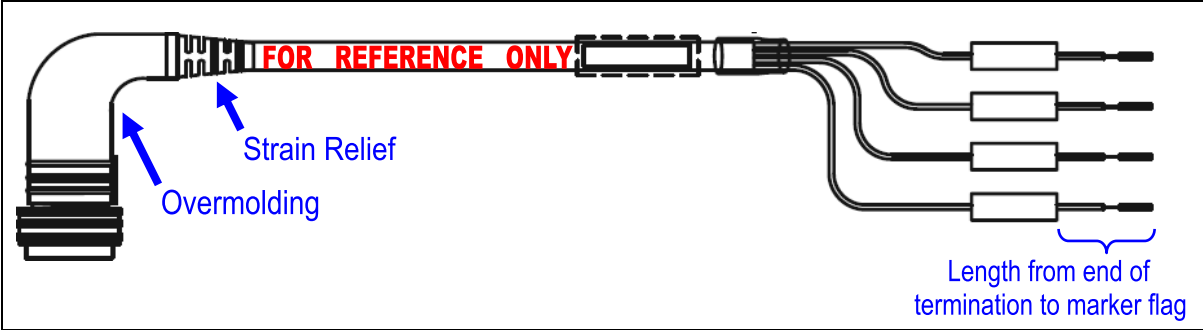


Figure 1: Drawing containing Length from end of termination to marker flags.

SIMILARITIES:

Outer Jacket Material	Lapp Olflex PVC
Outer Jacket Color	Black
Cable Conductor Size	14AWG x 4C
Overmolding Material	L-Type Molded Backshell 95 Durometer PVC.
Applicable Motors	All motors of models: SGMGH-20A, SGMGH-30A, SGMGH-44A, SGMSH/UH-30D, SGMSH/UH-40D, SGMSH-50D

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